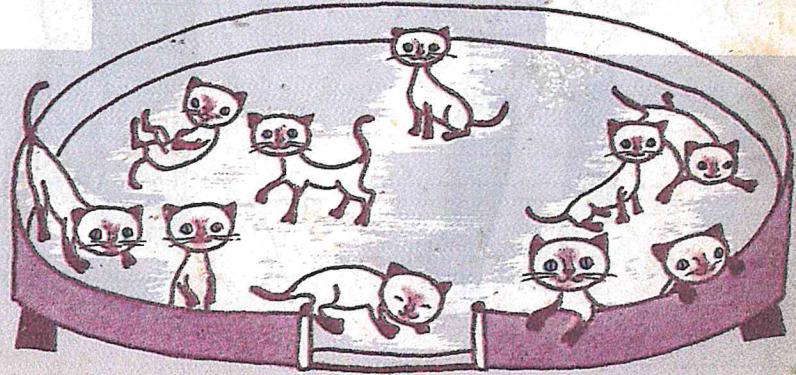
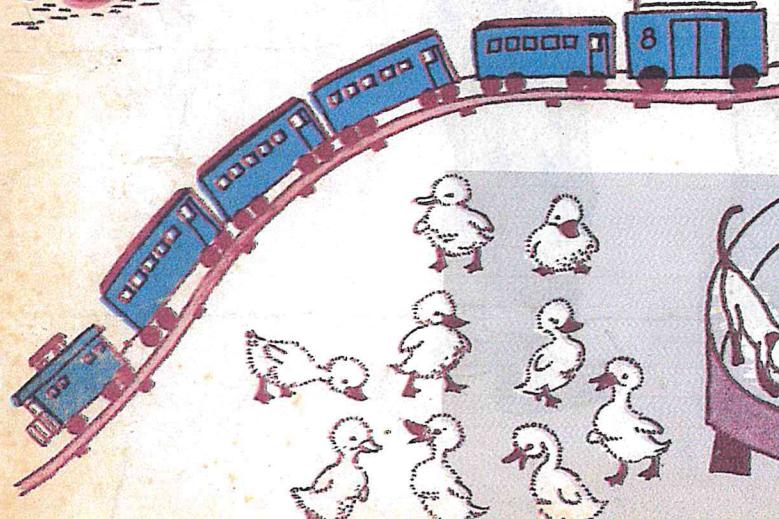
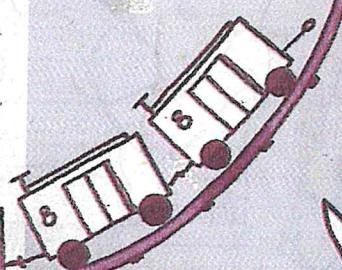
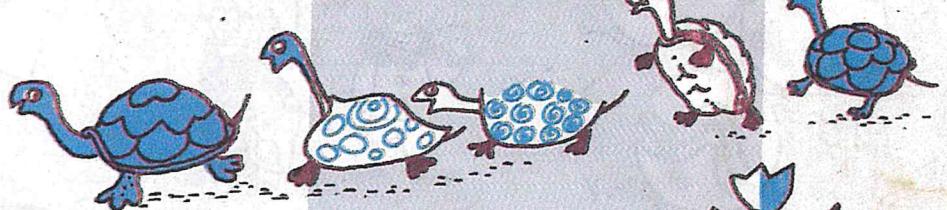
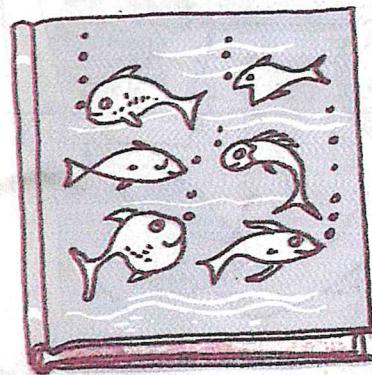
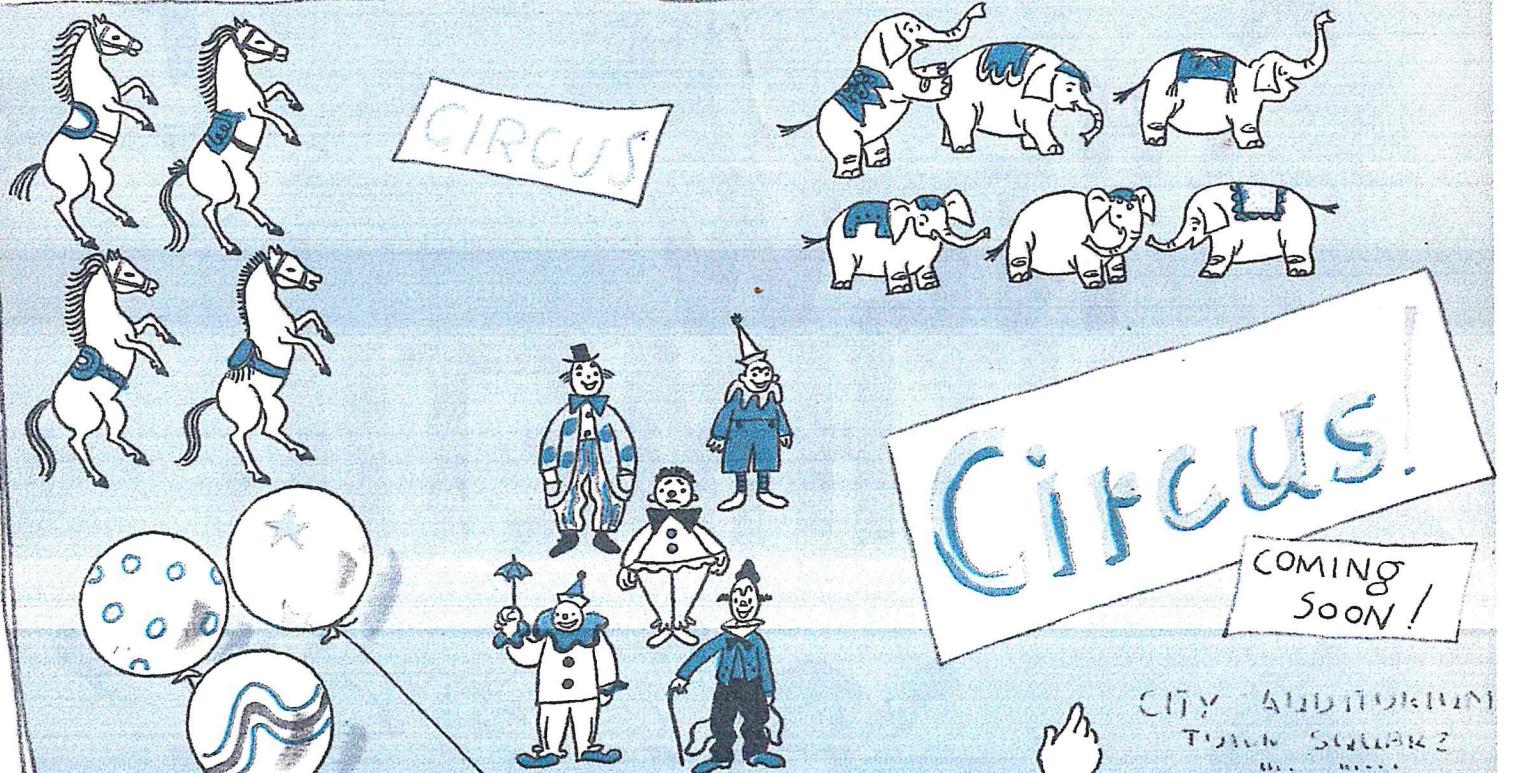
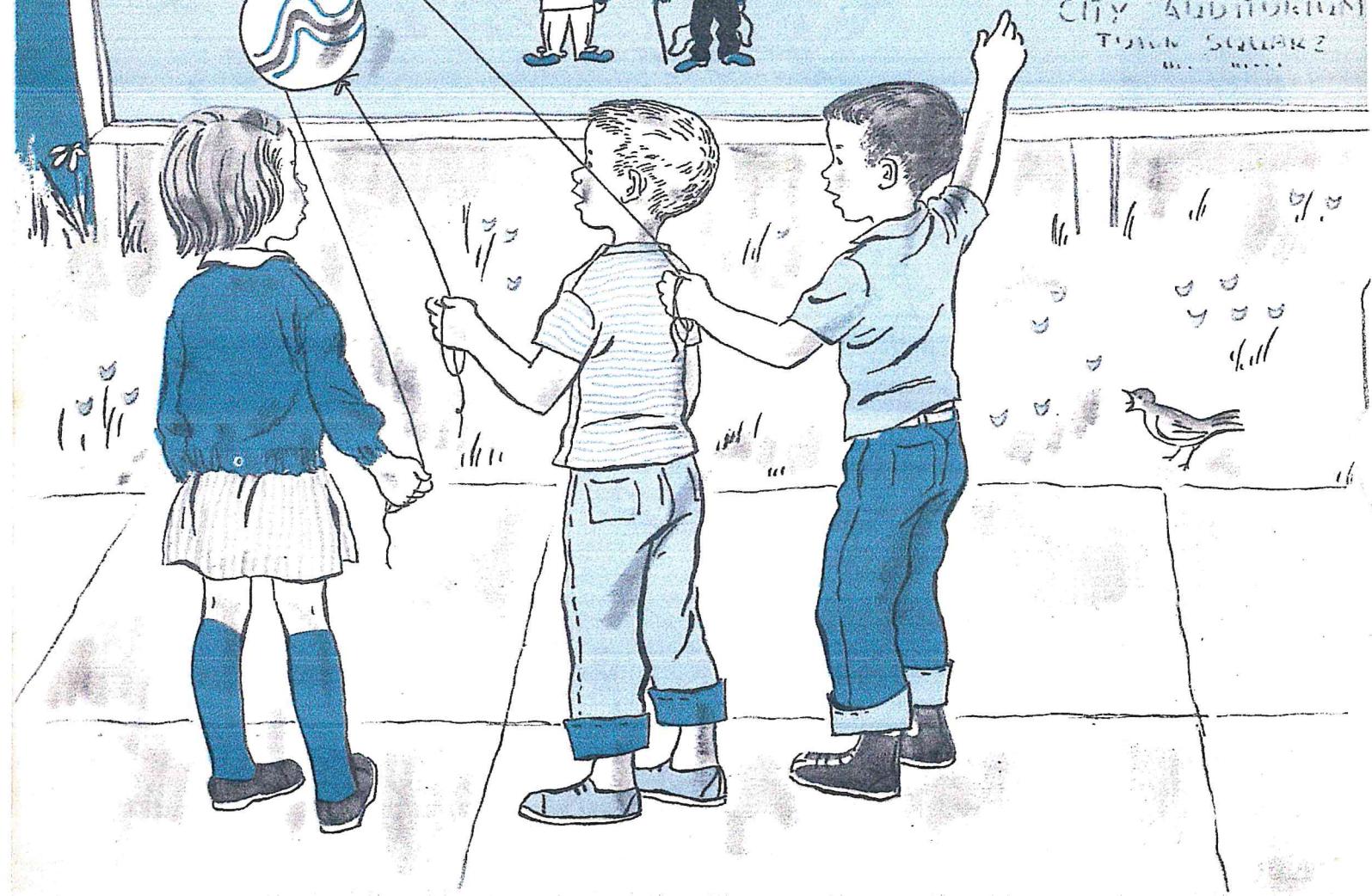


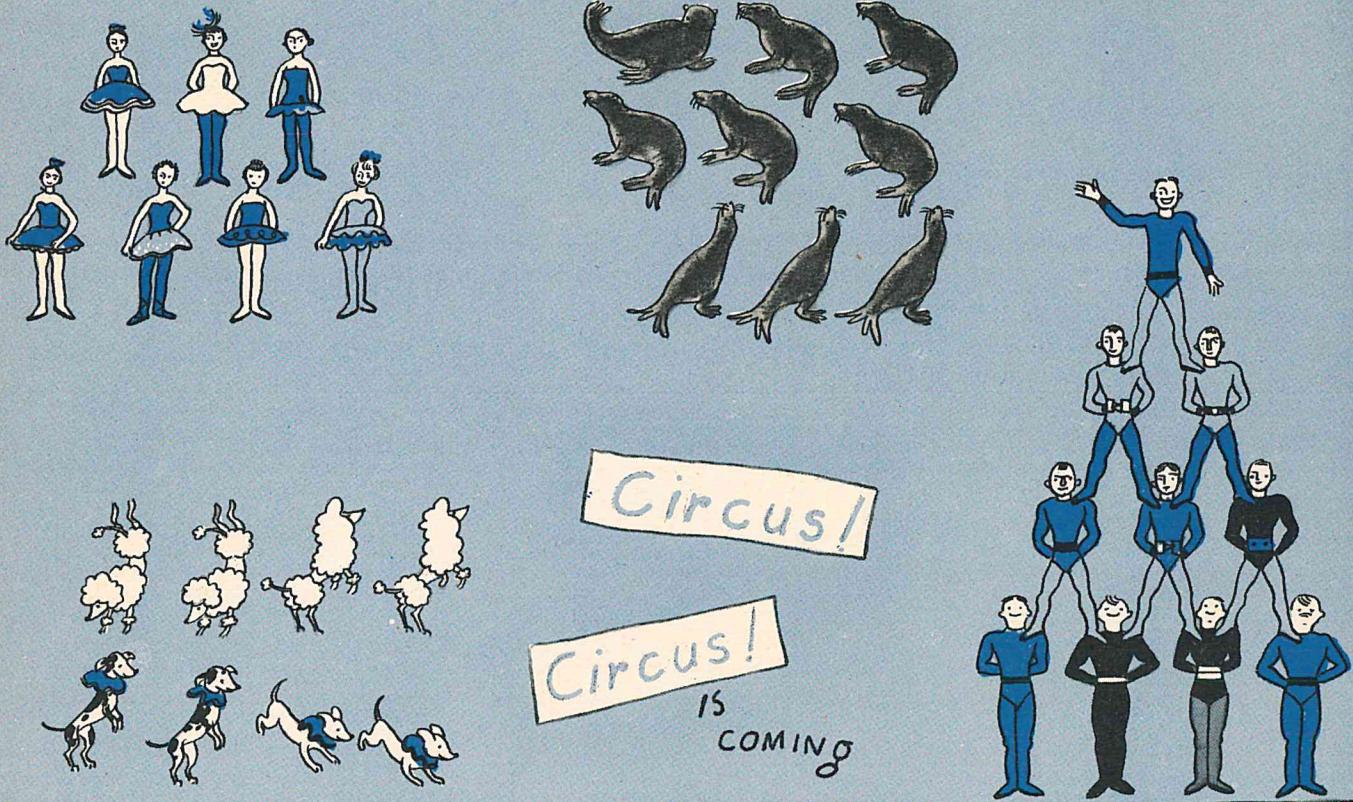
# THE JOY NEW ARITHMETIC





CITY AUDITORIUM  
TOWN SQUARE





# THE NEW ARITHMETIC

1

Rose and Ruth Weber  
assisted by  
Flora B. Miller and Edith H. Price

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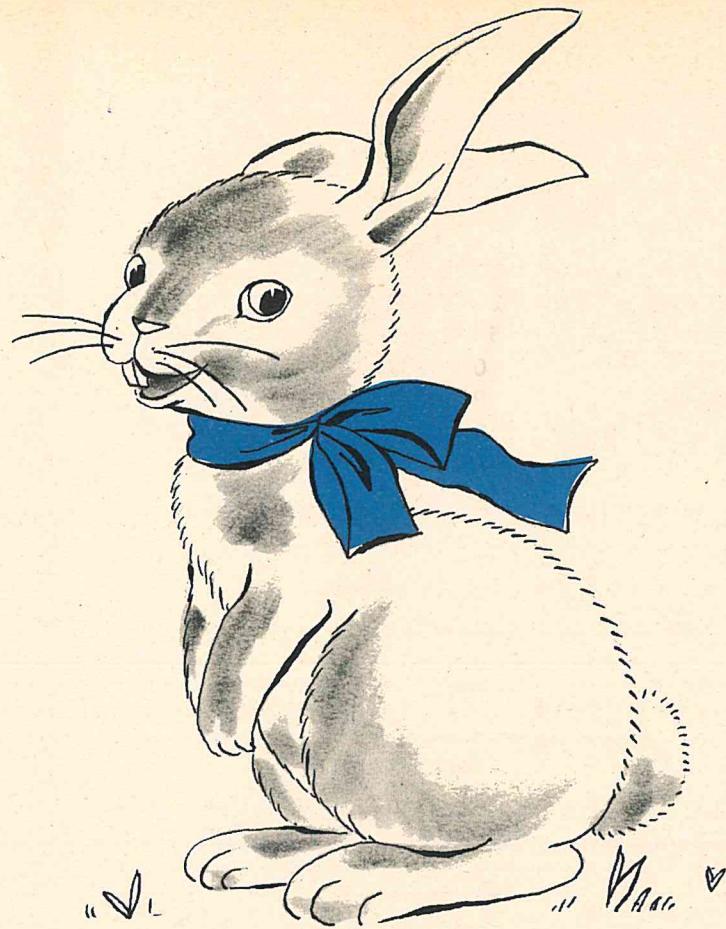


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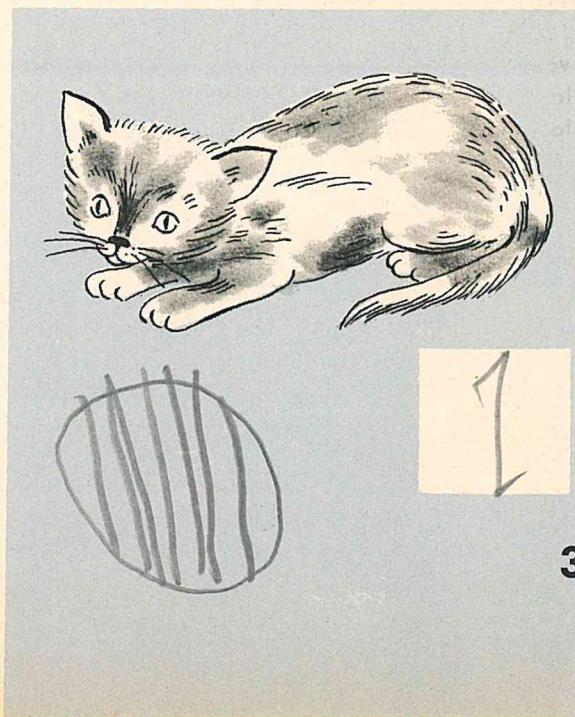
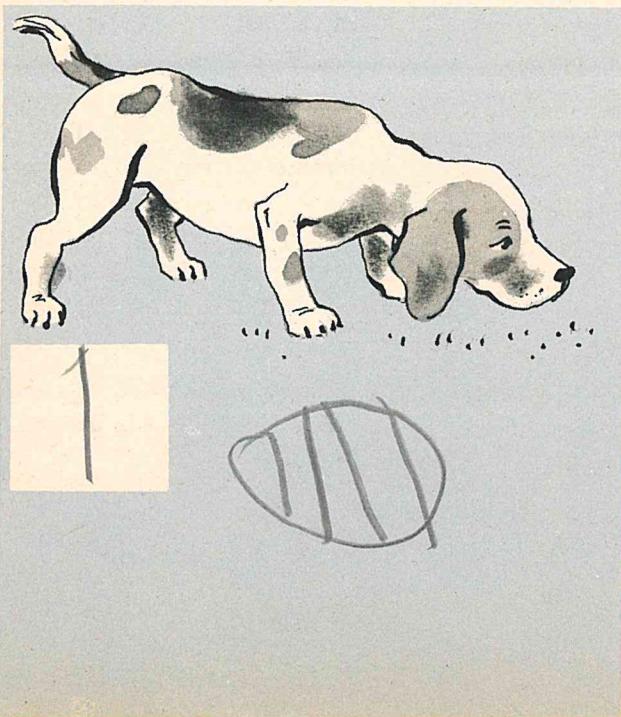
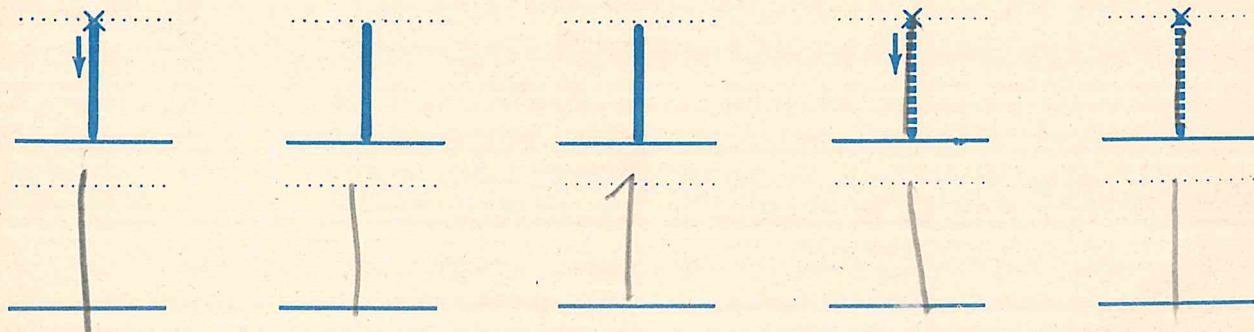
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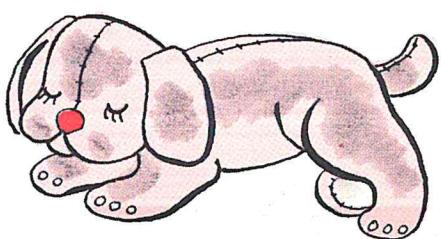
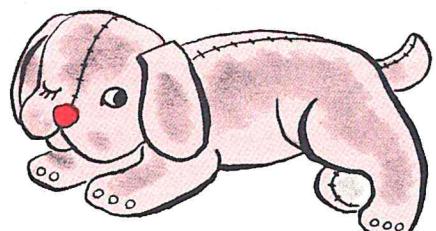
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one



# 2



two

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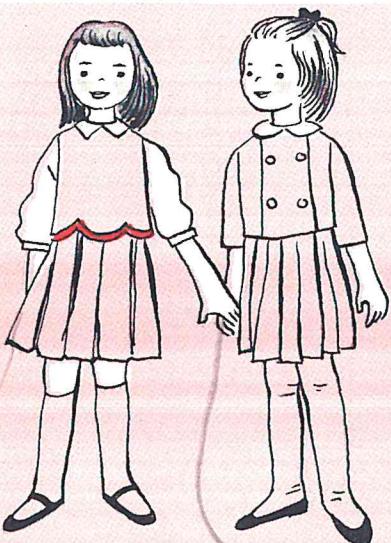
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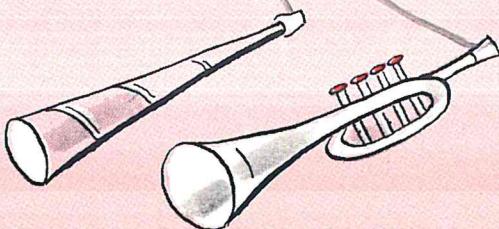
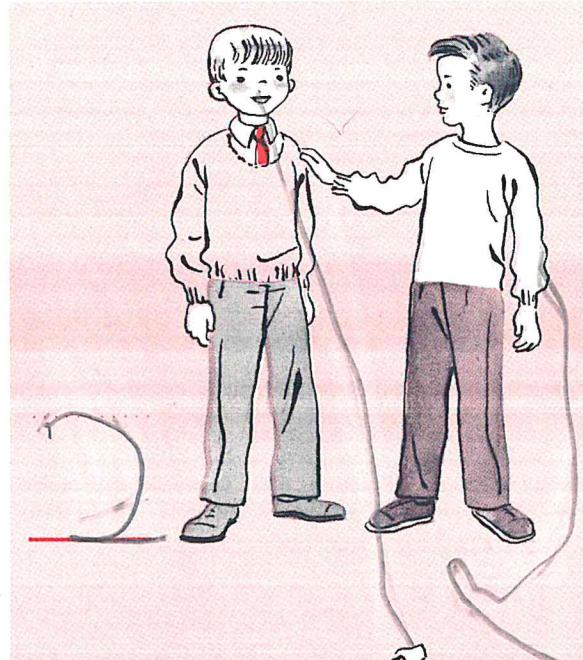
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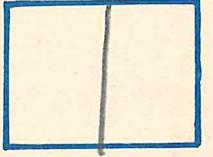
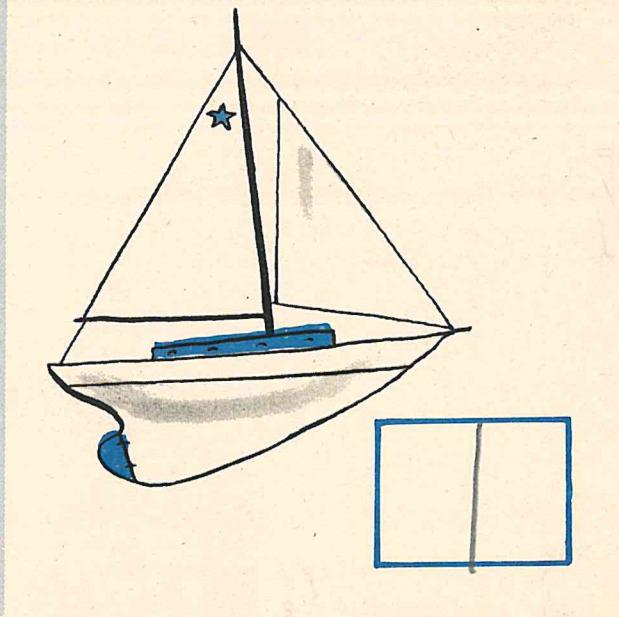
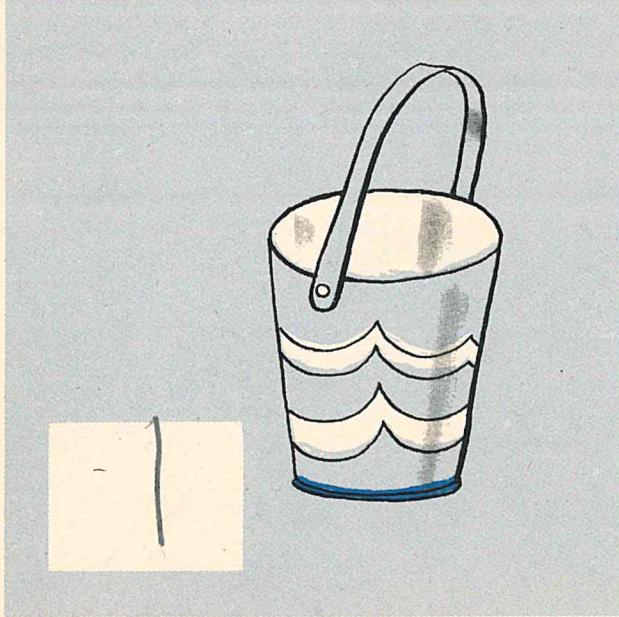
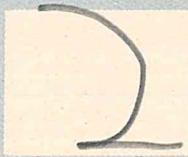
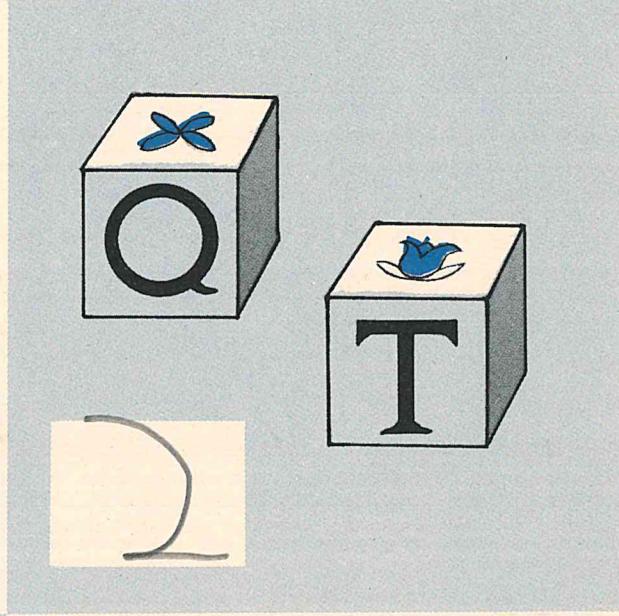
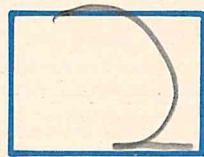
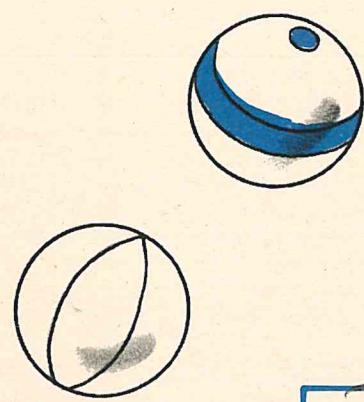
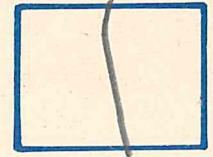
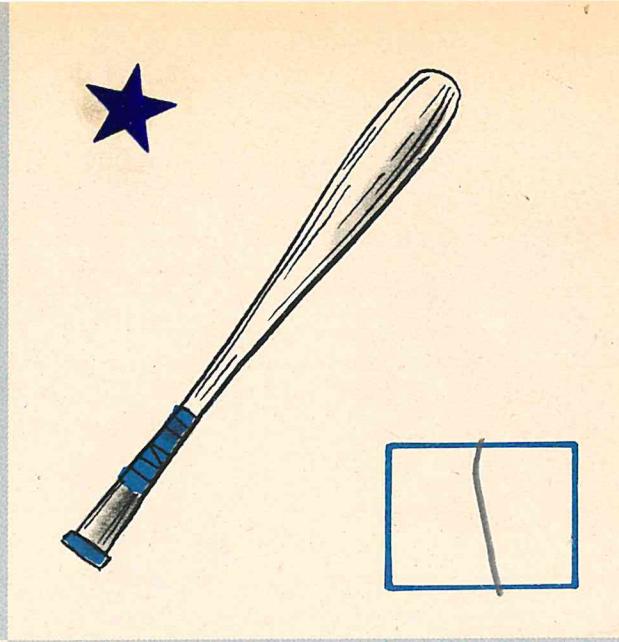
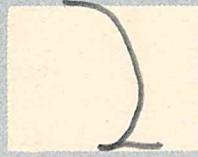
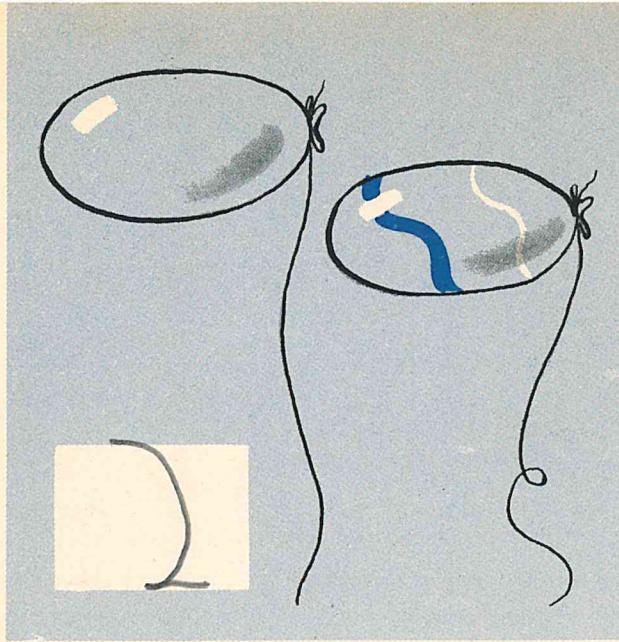
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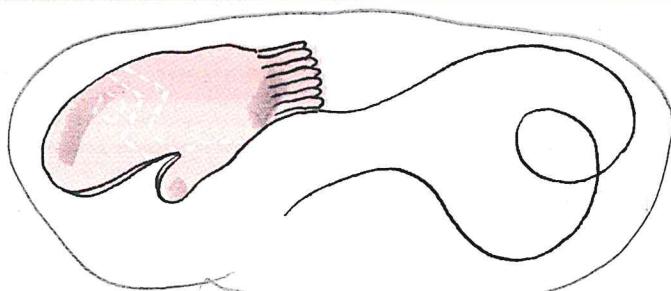
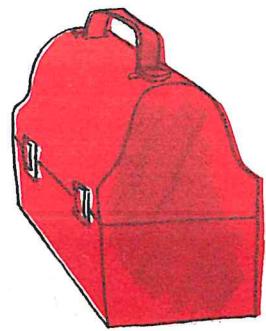
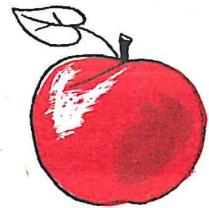
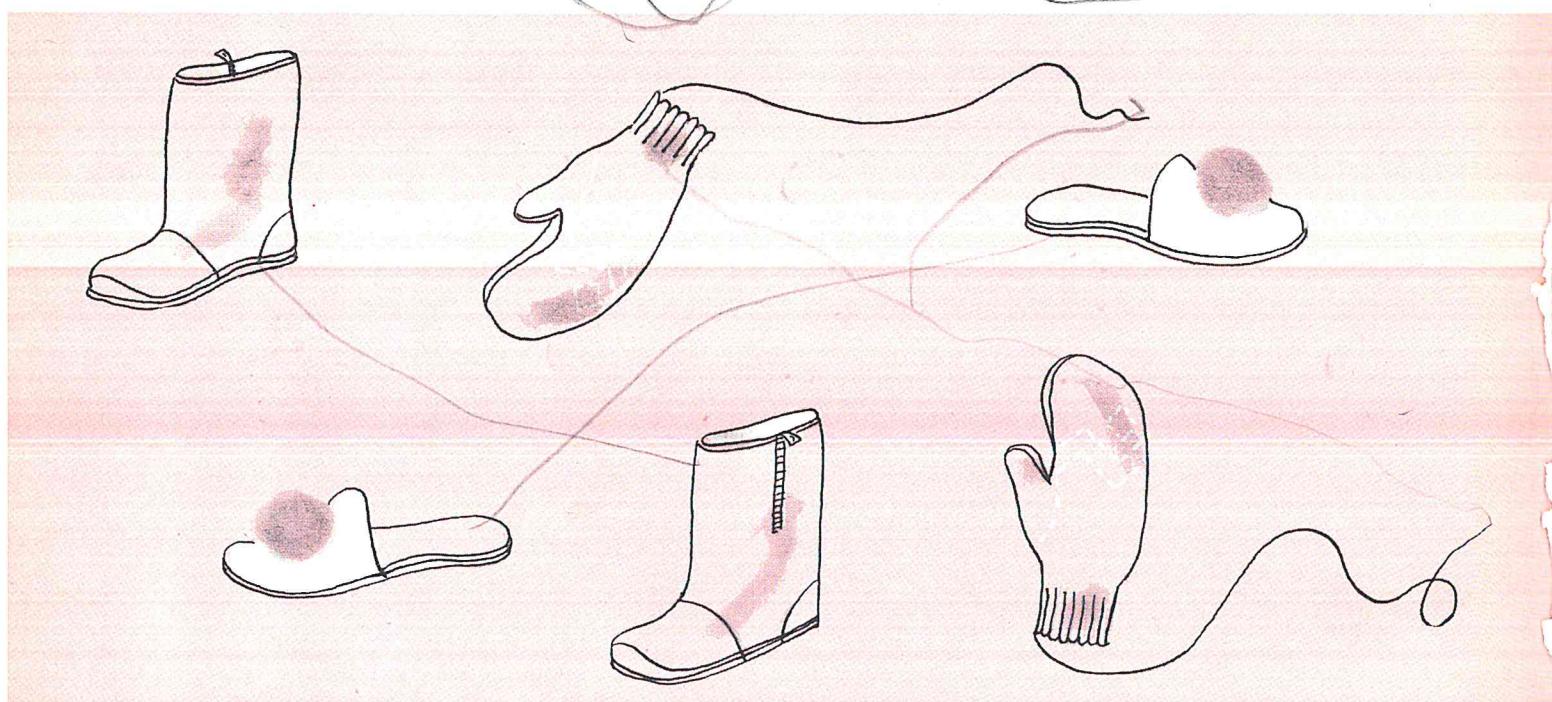
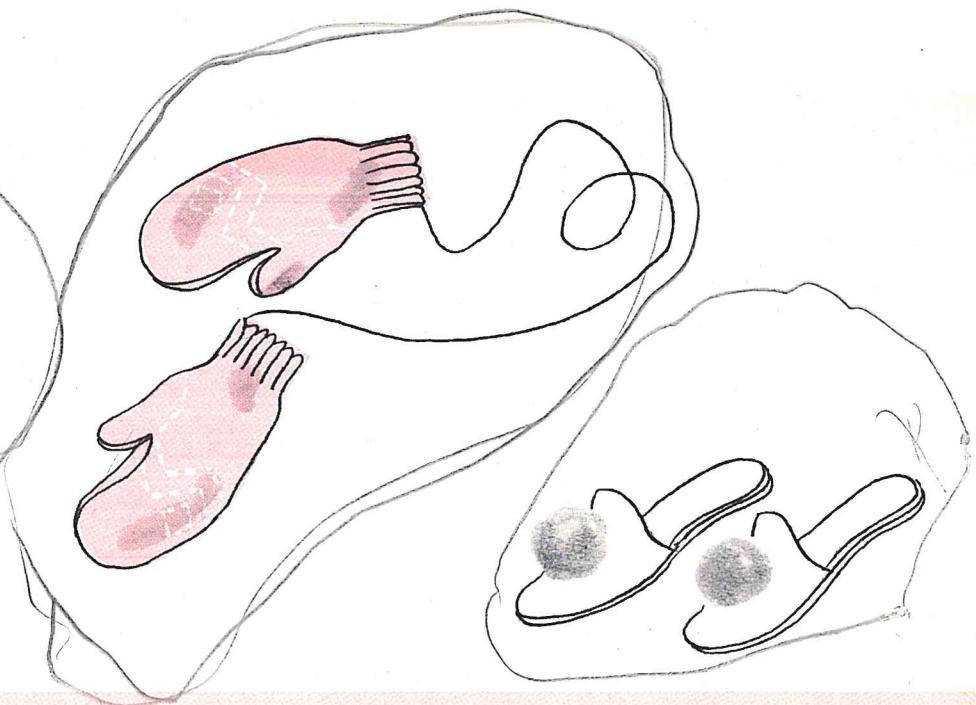
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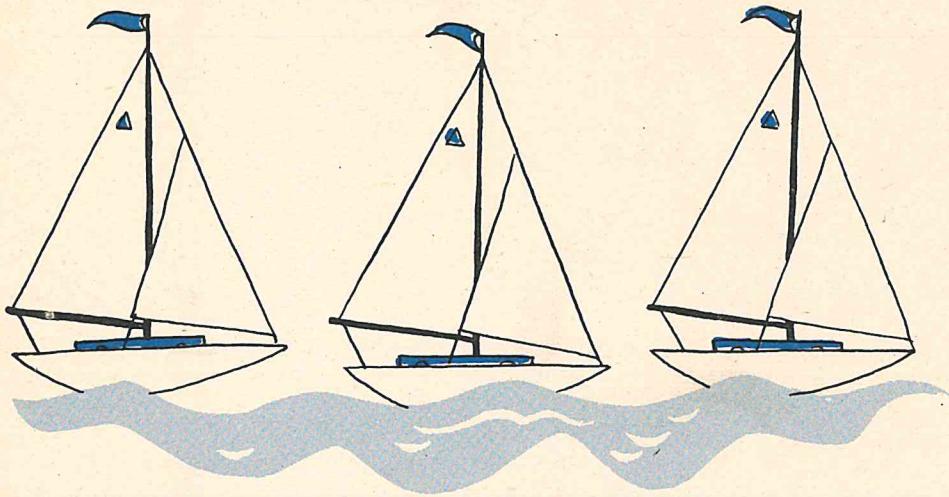


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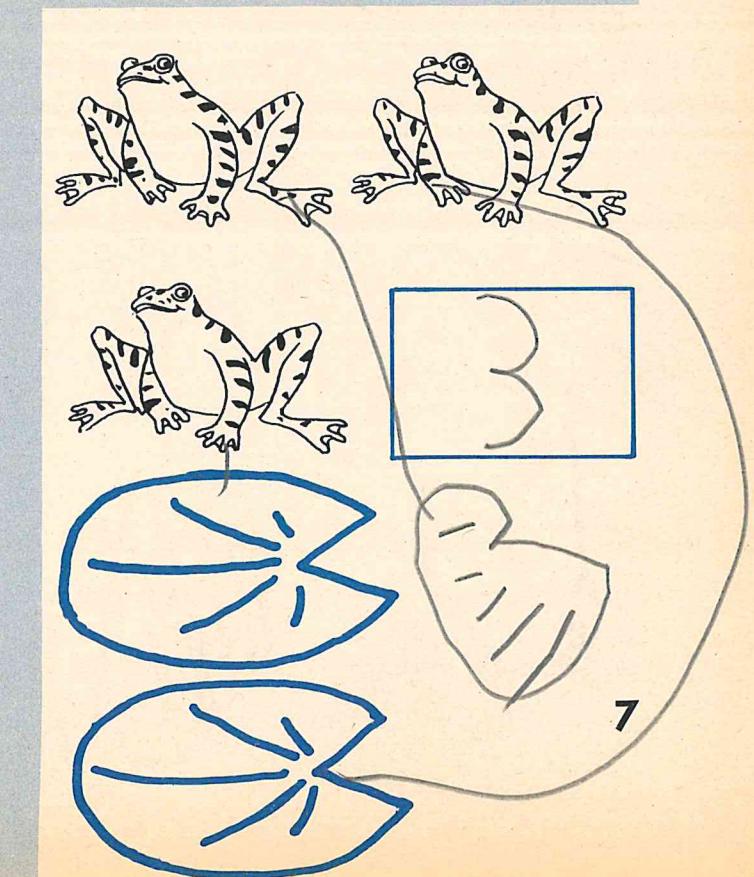
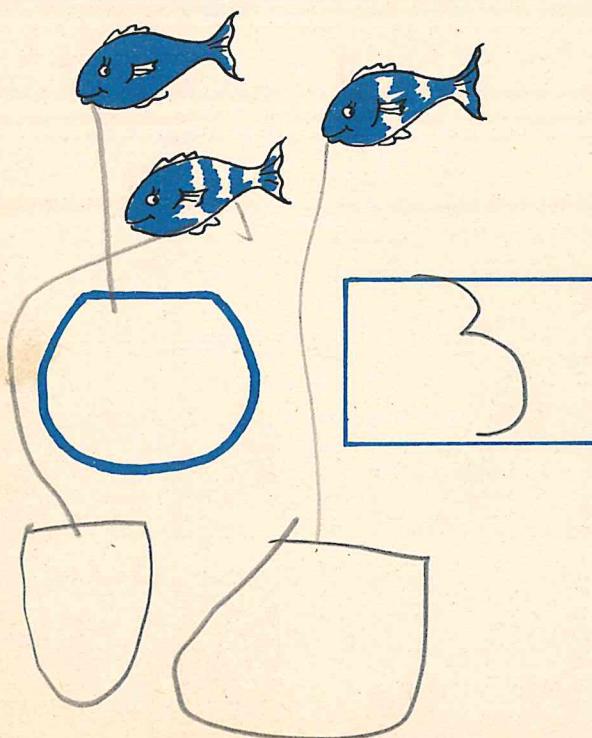
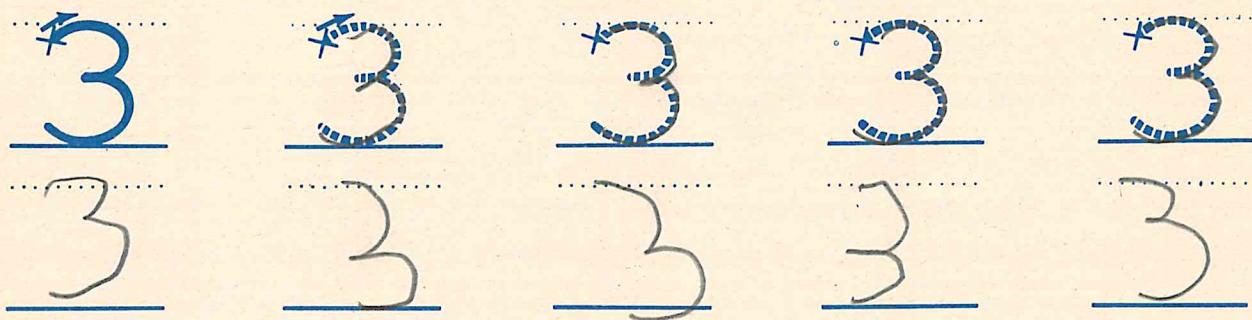


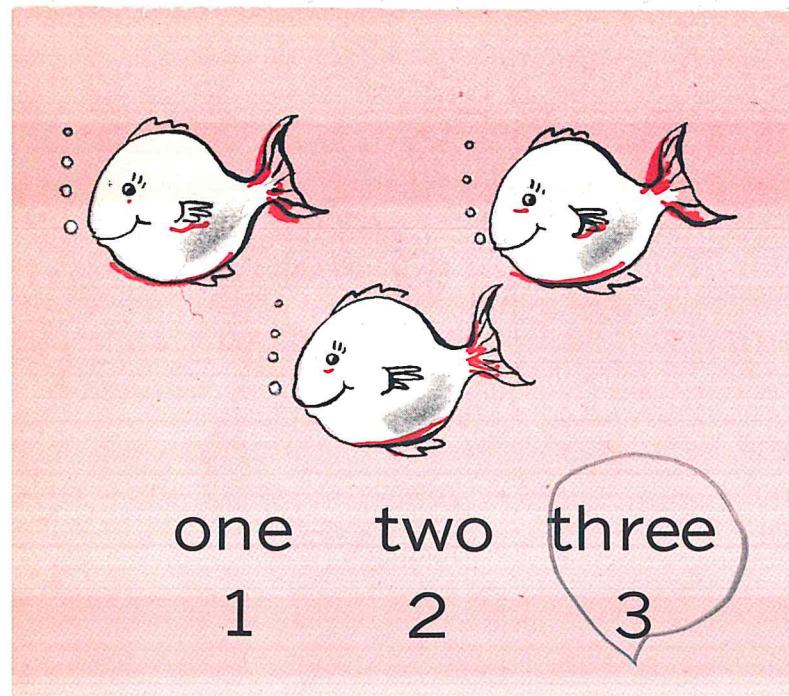






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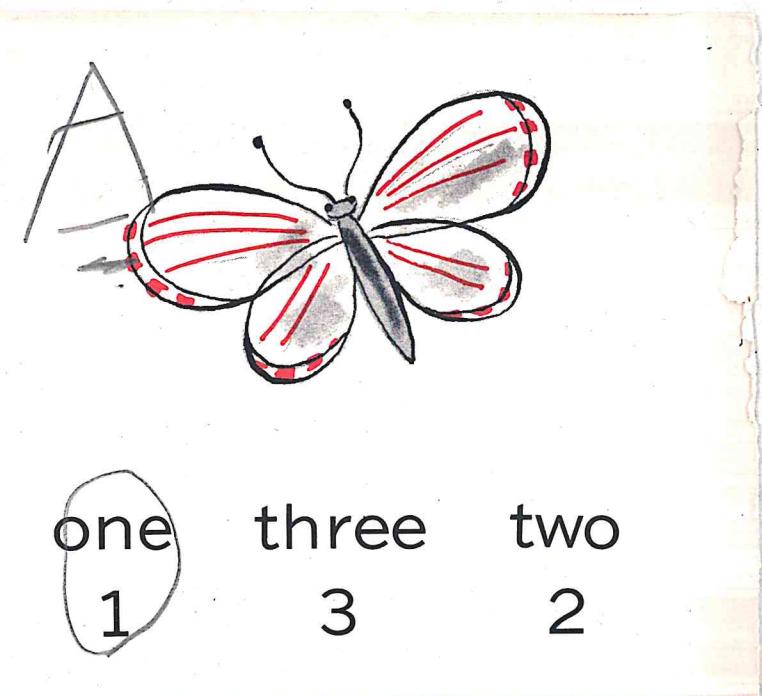


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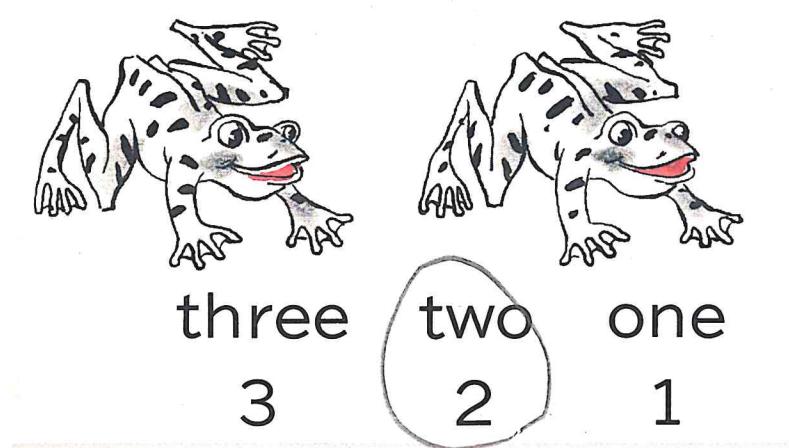


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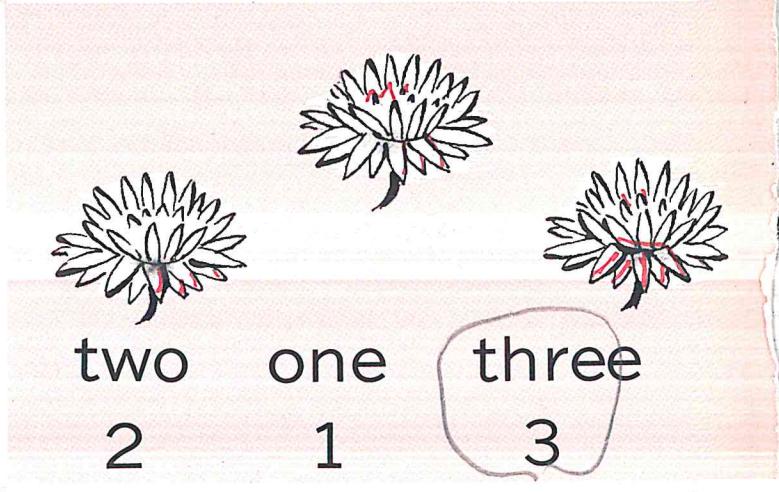


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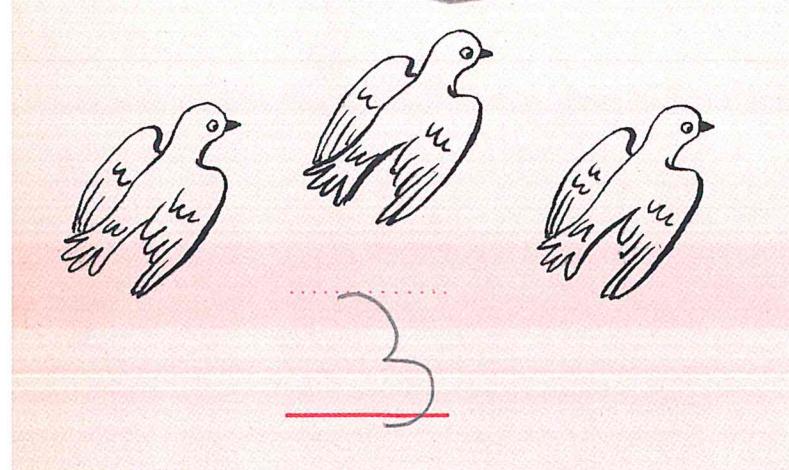


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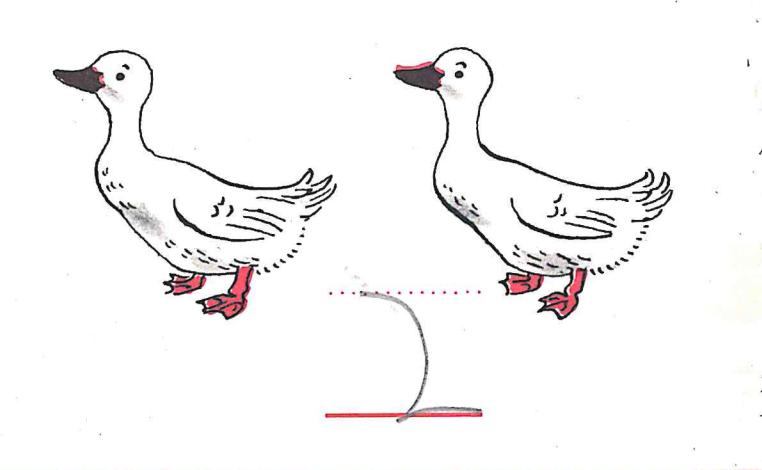
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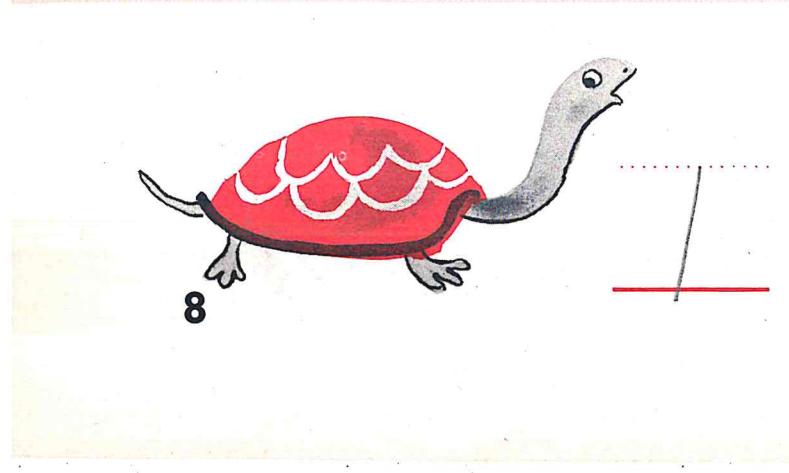
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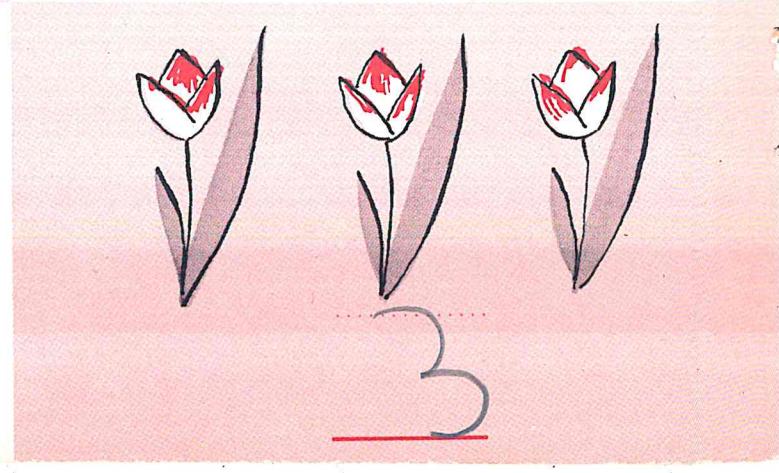
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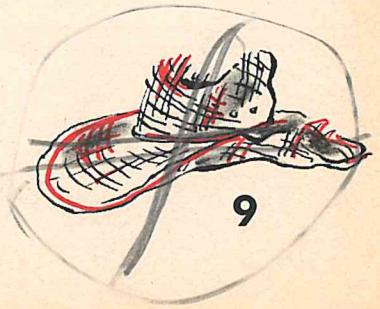
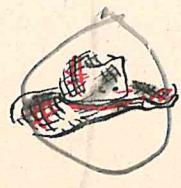
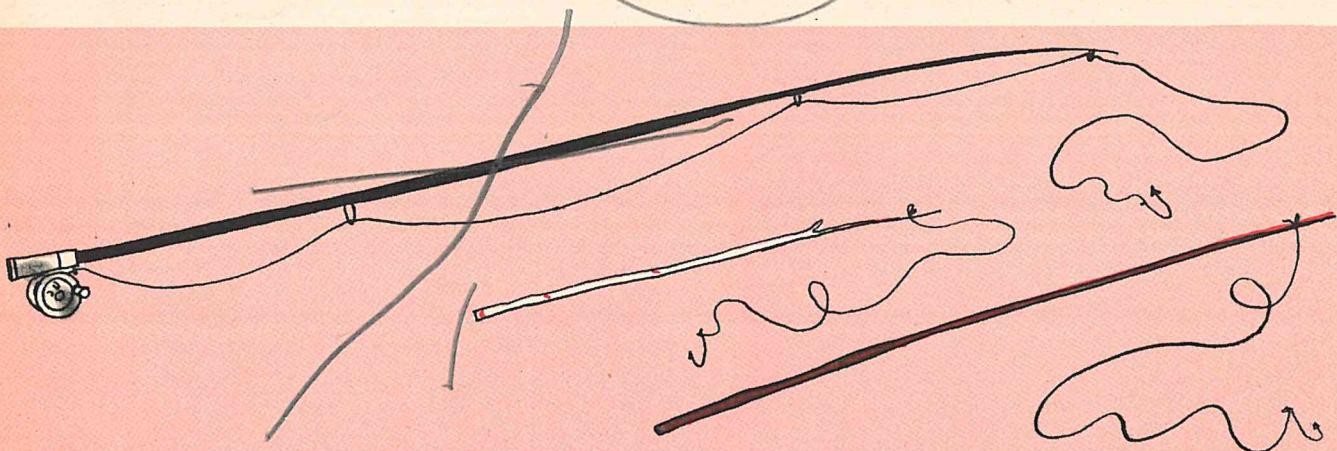
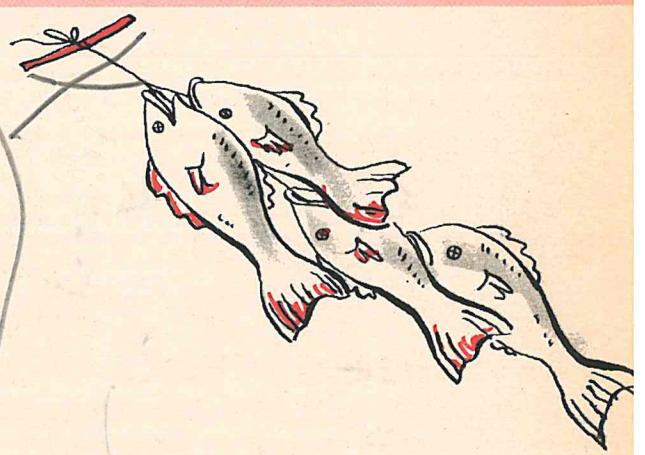
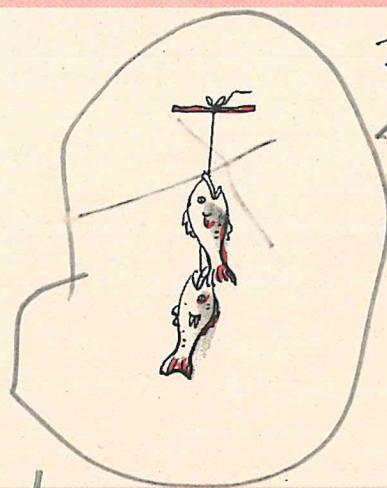
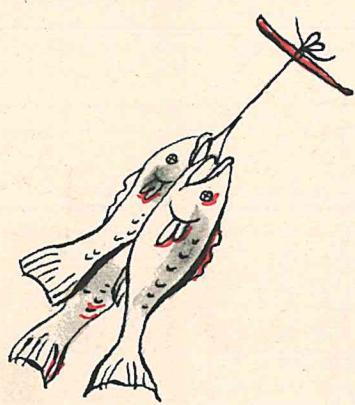
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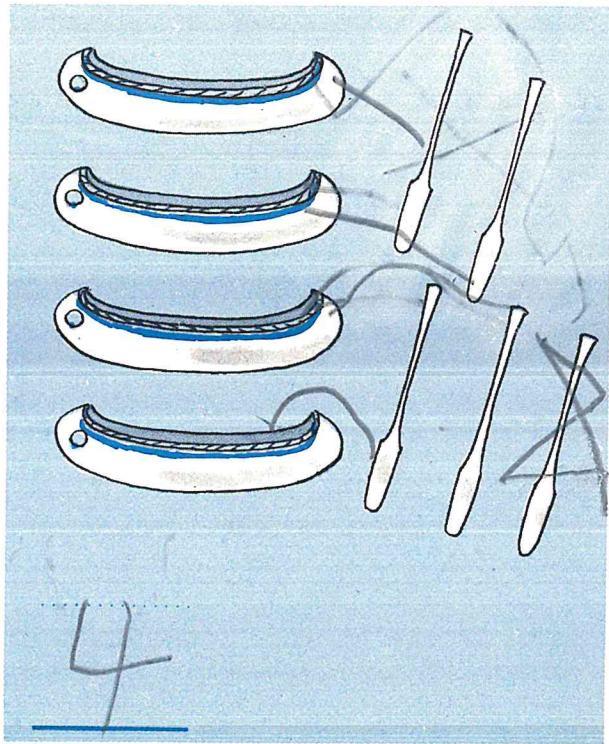
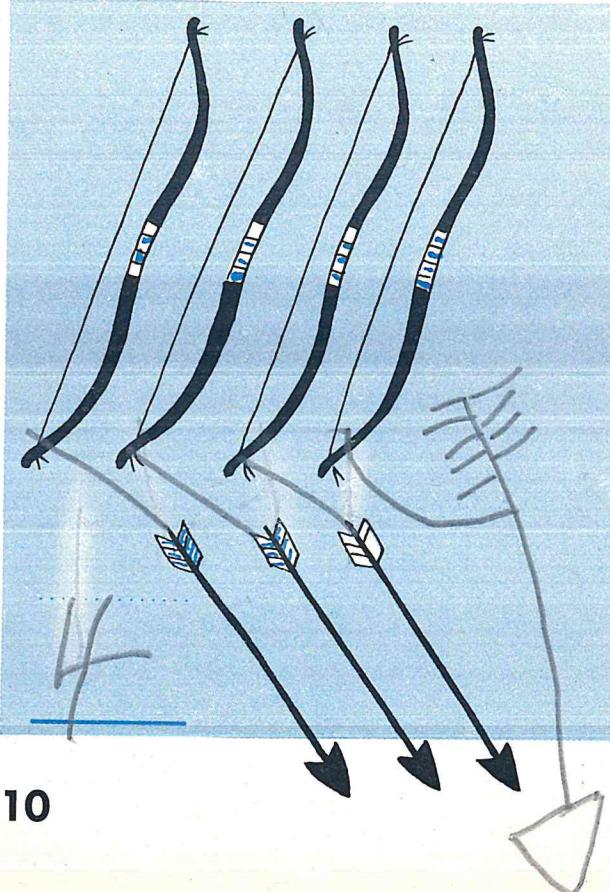
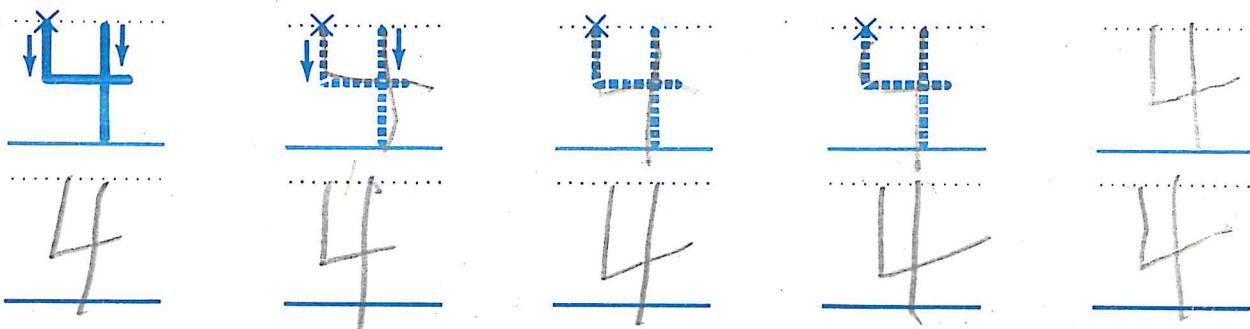
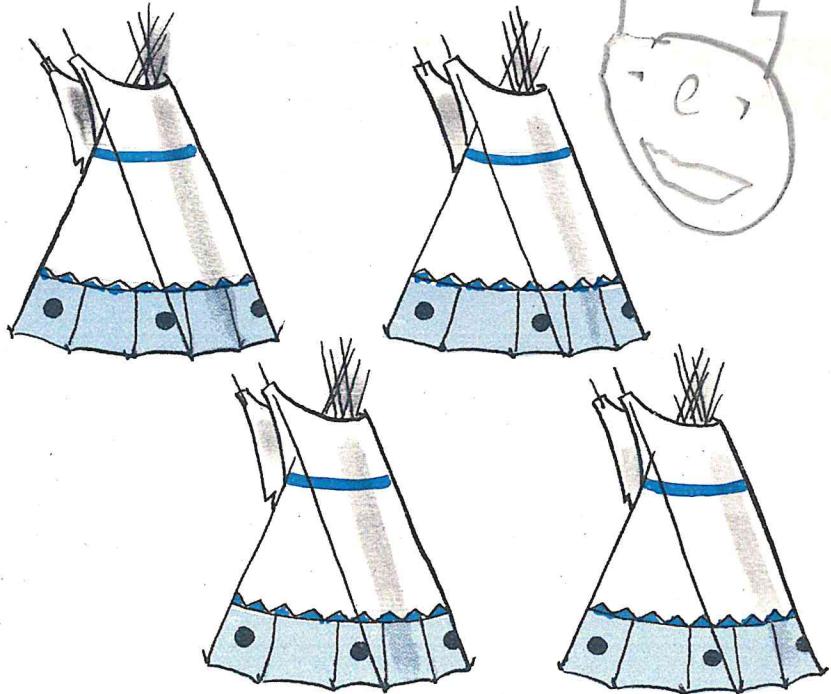


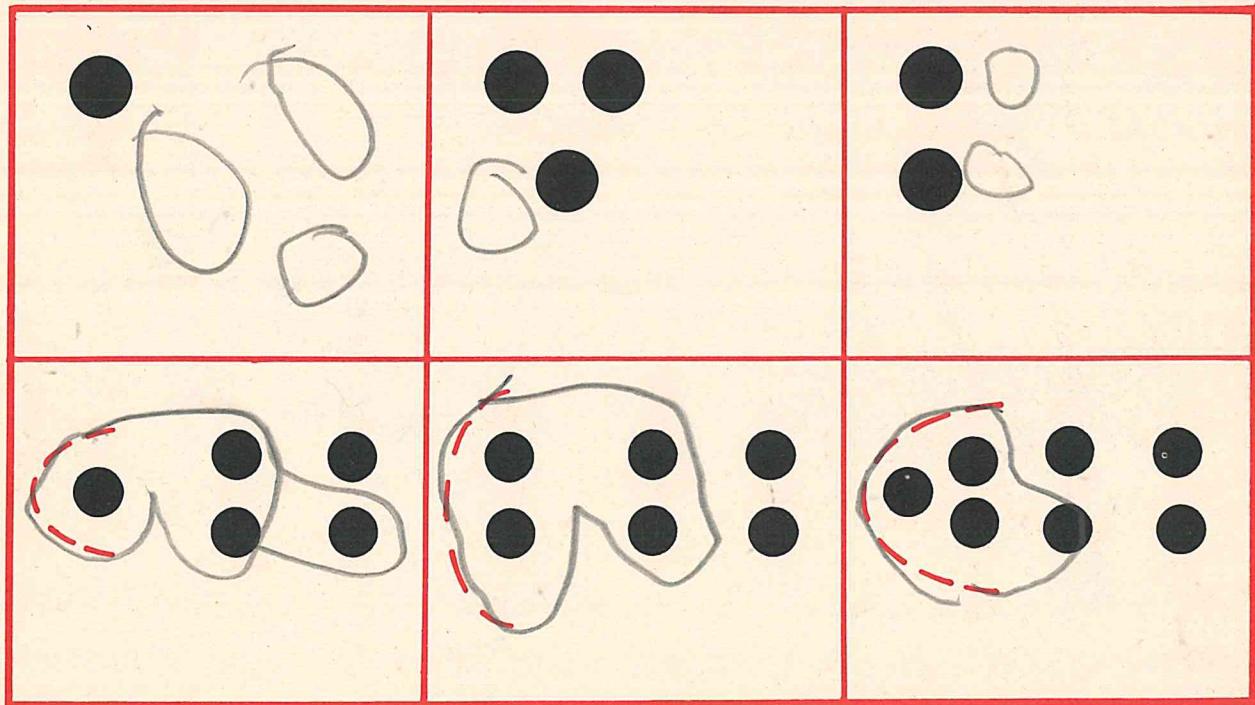
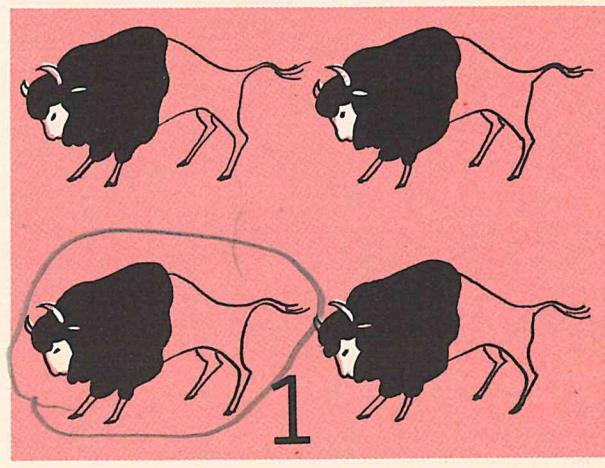
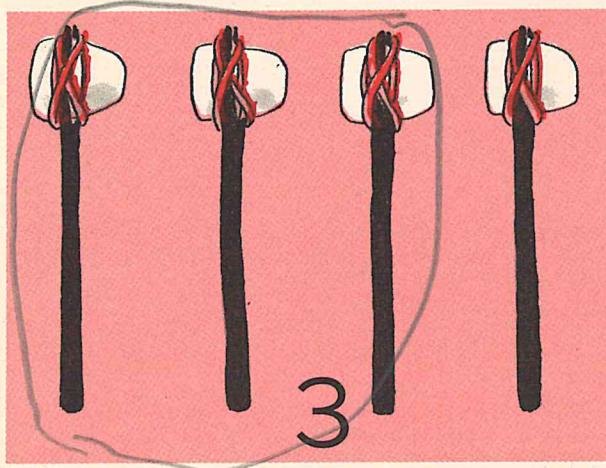
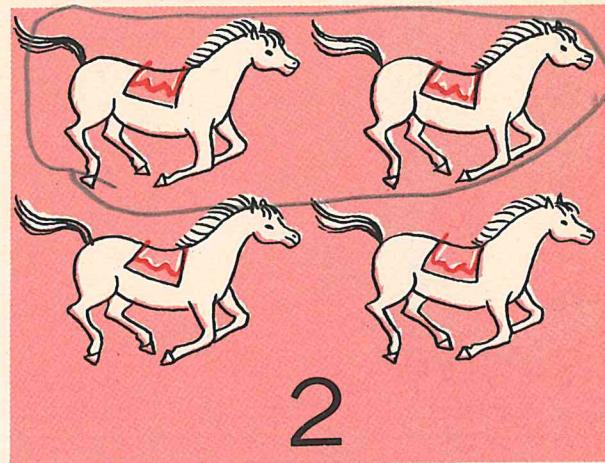
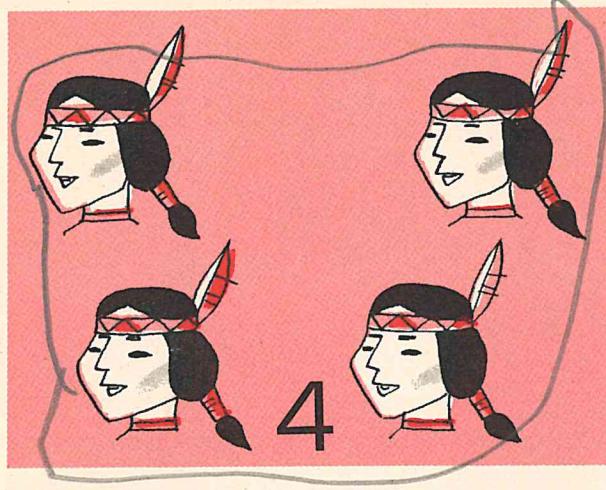
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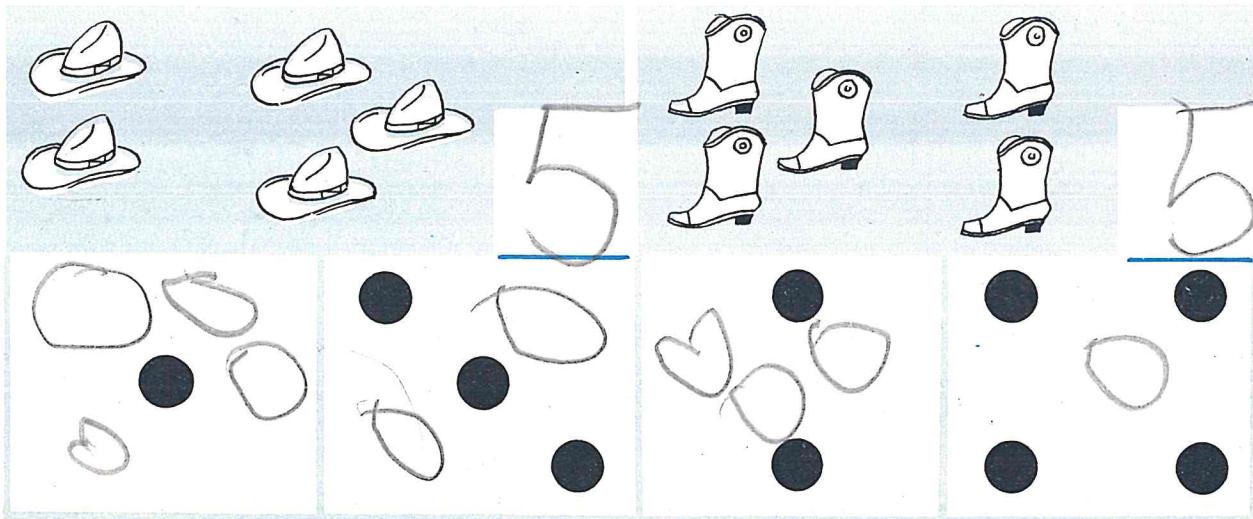
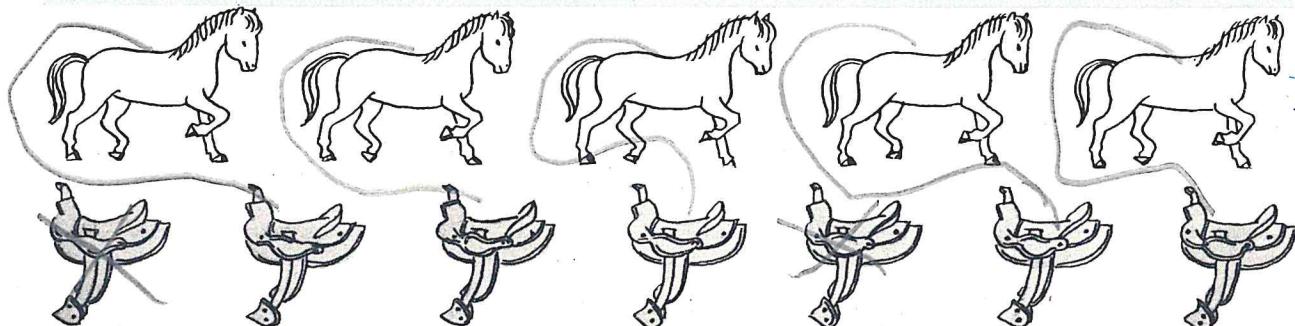
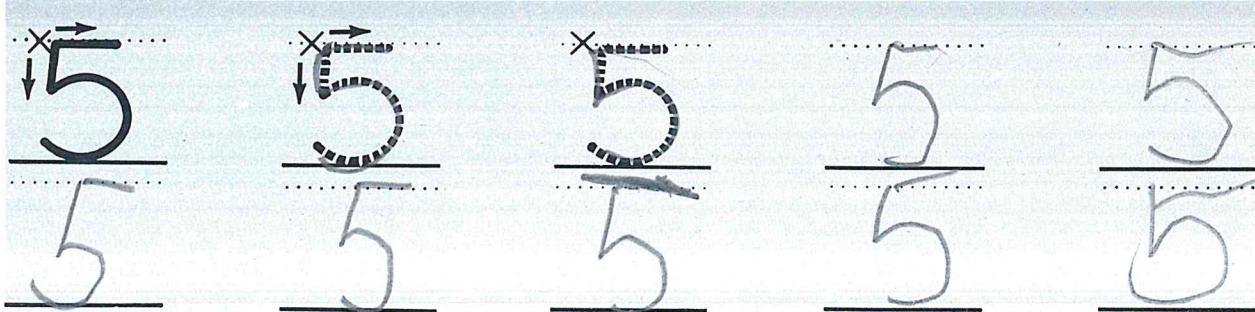
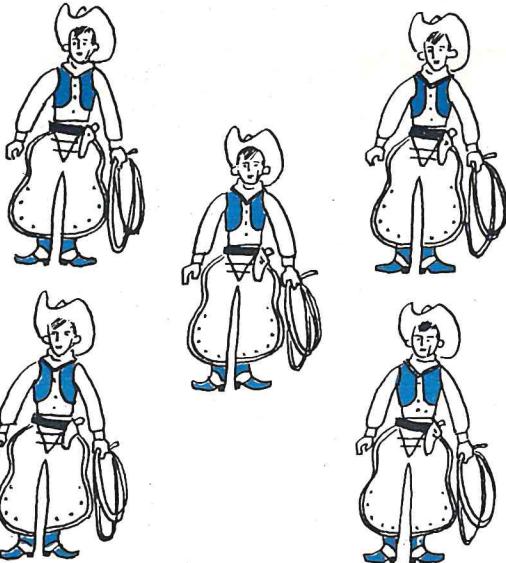
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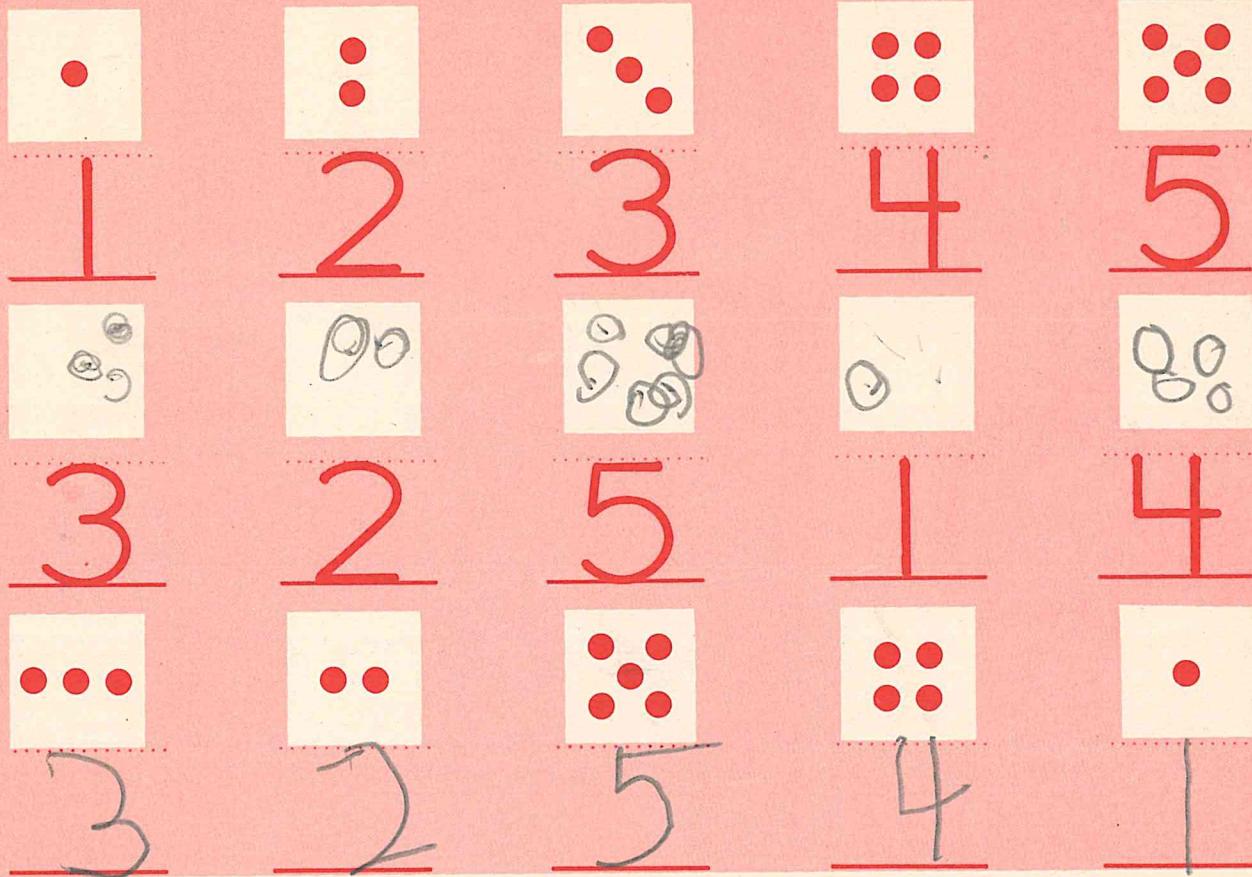




# 5

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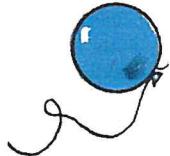
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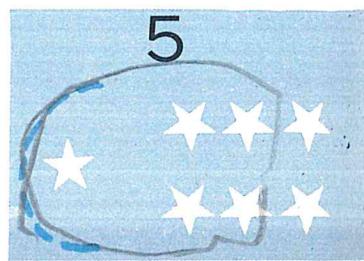
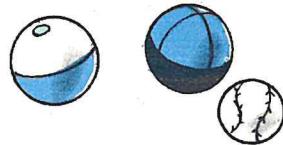
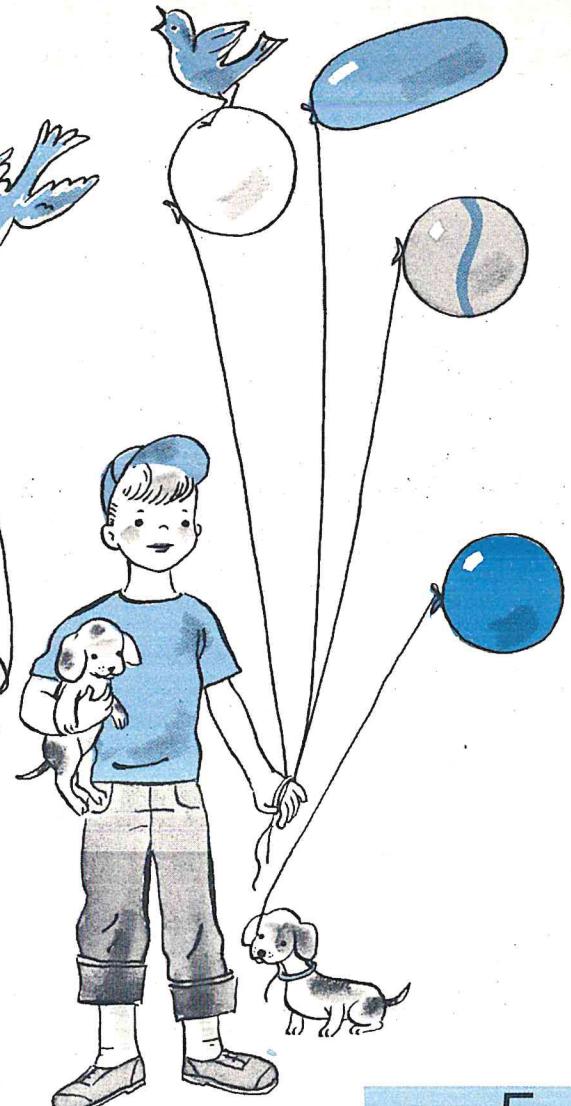
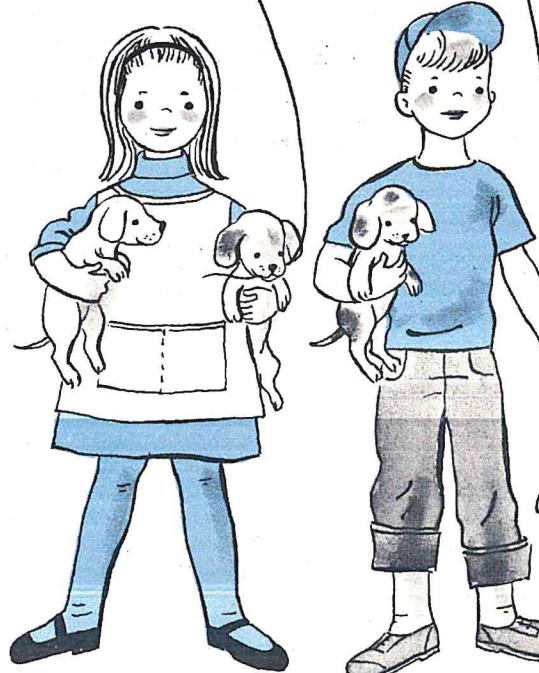
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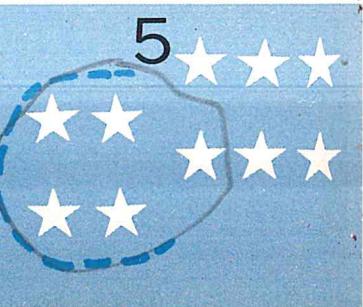
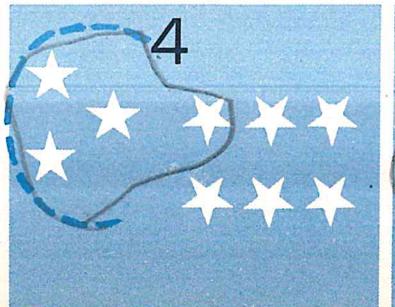
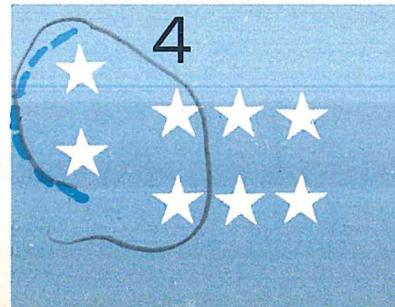
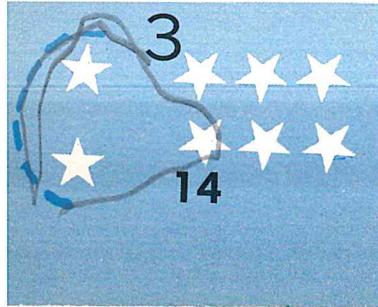
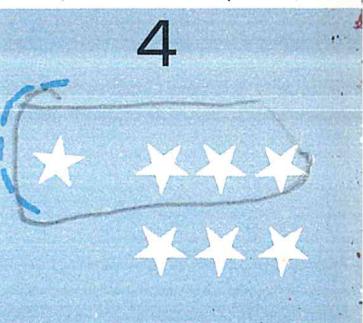
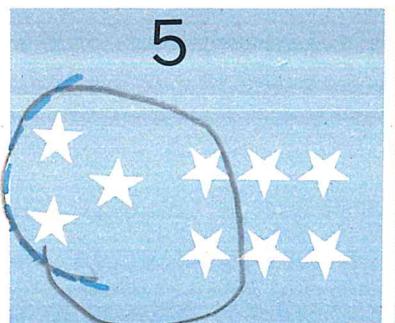
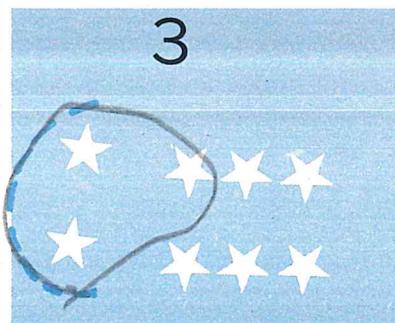
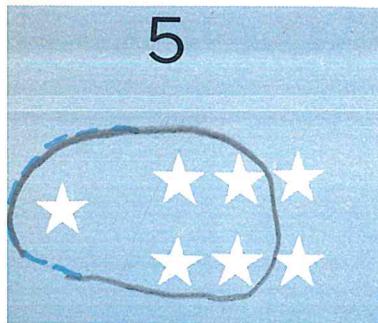


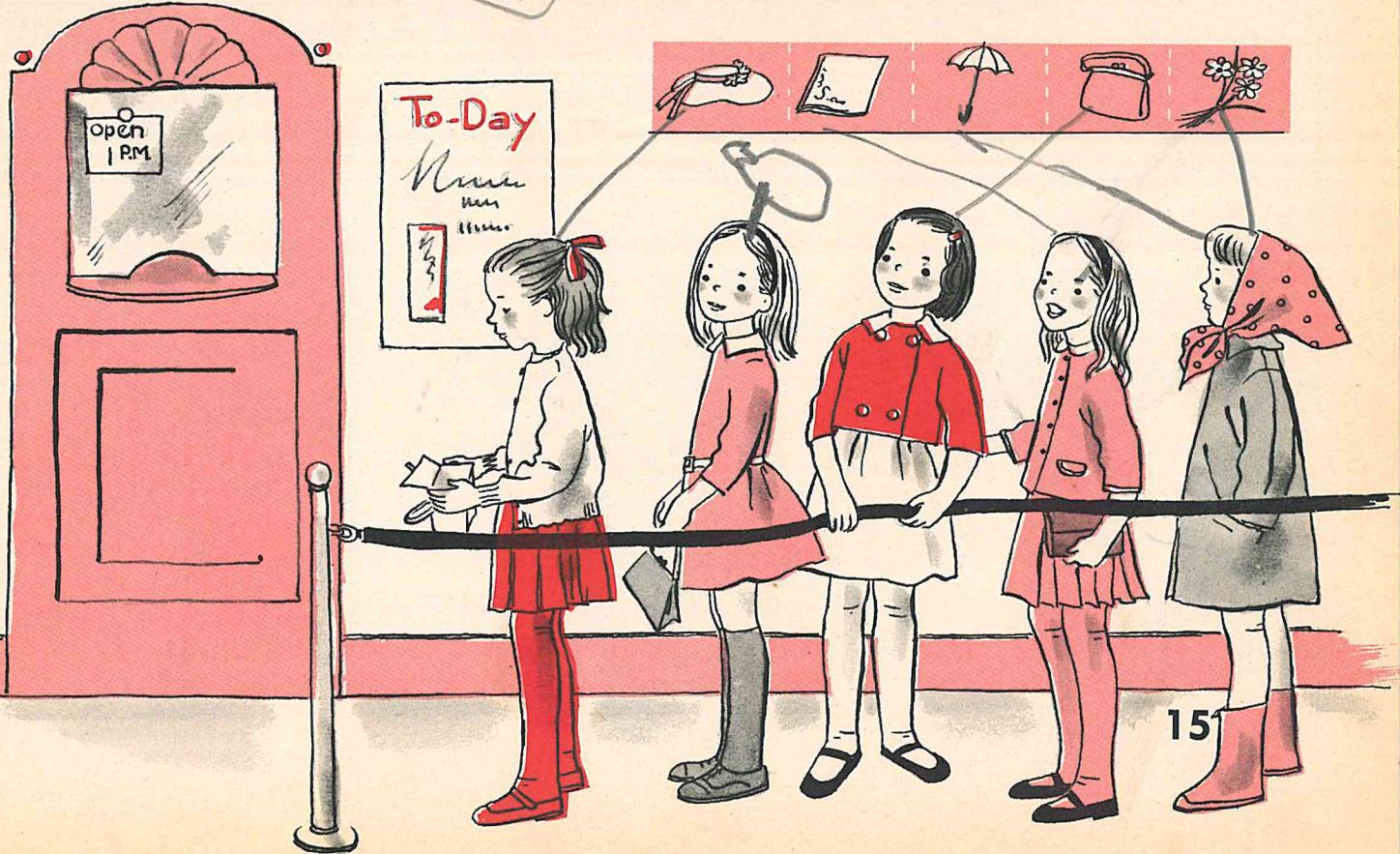
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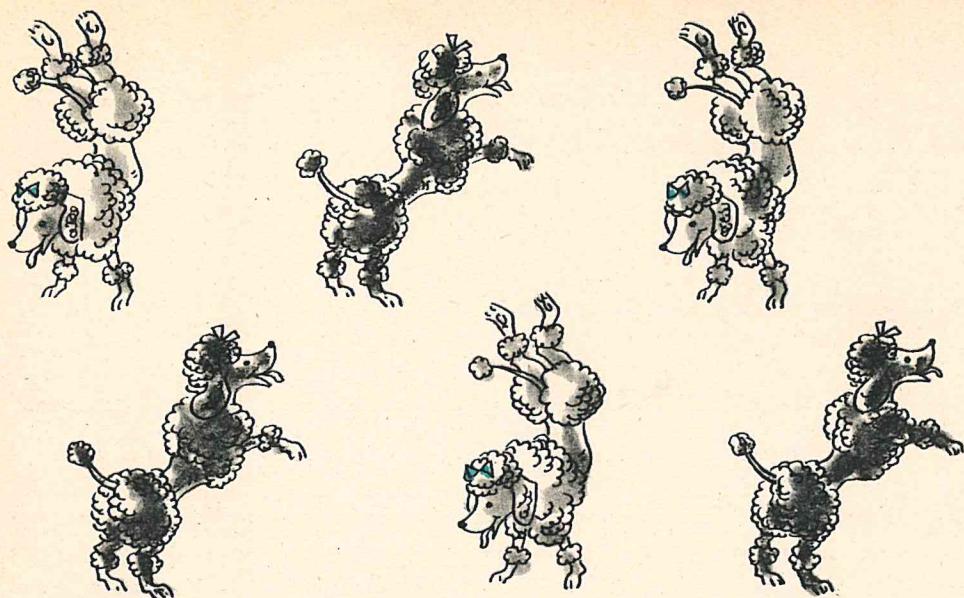
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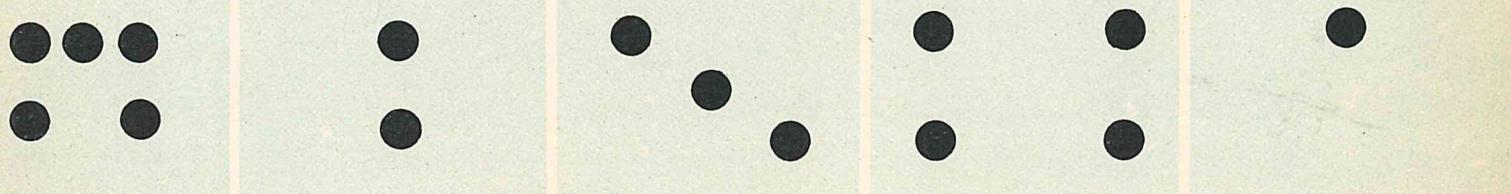
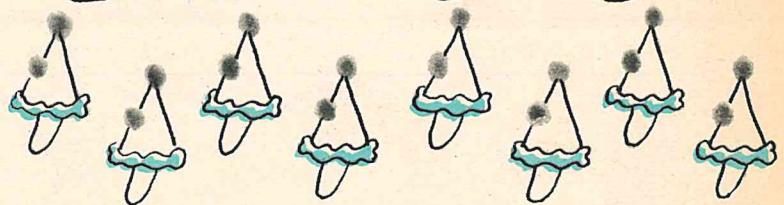
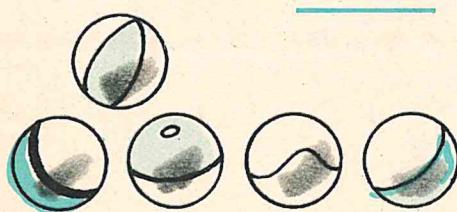
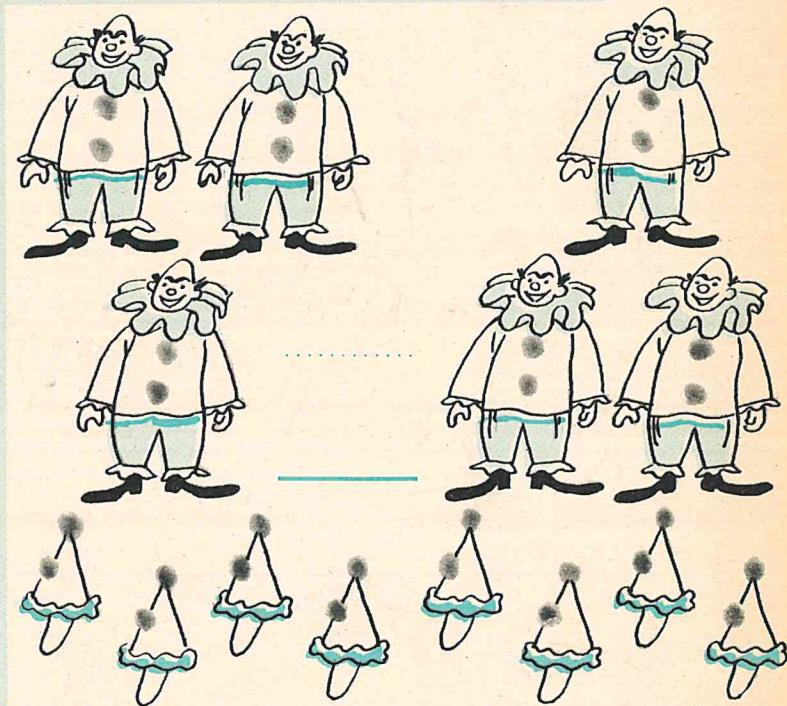
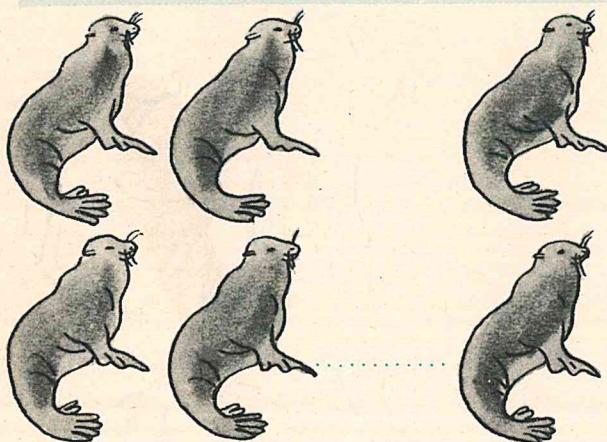
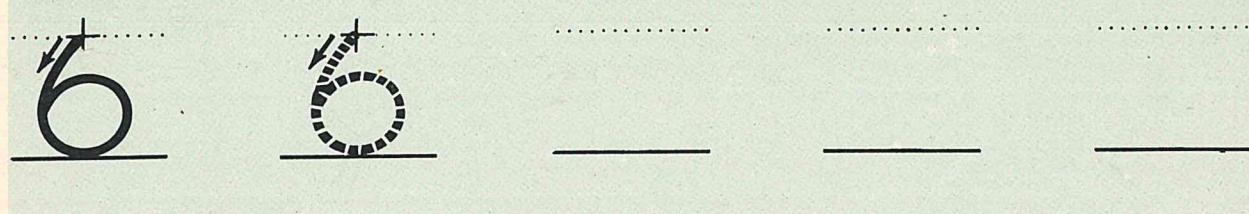






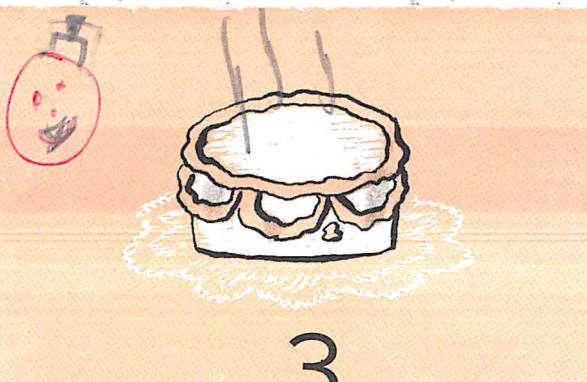


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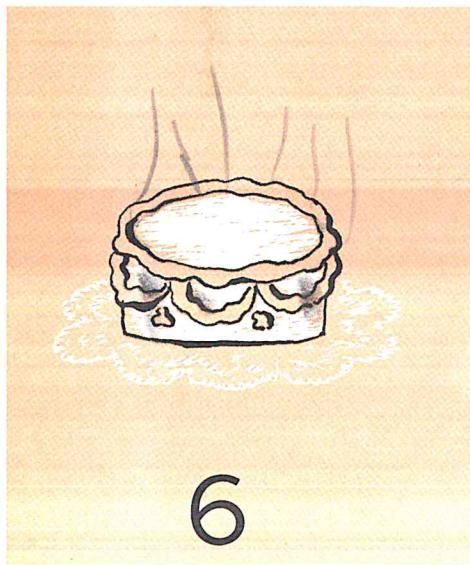
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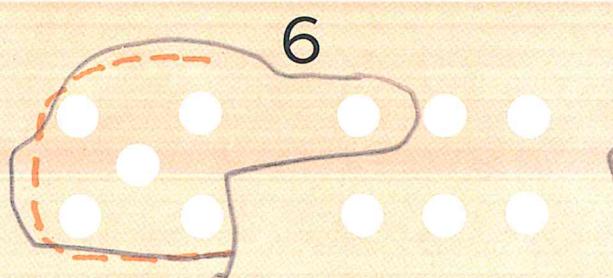
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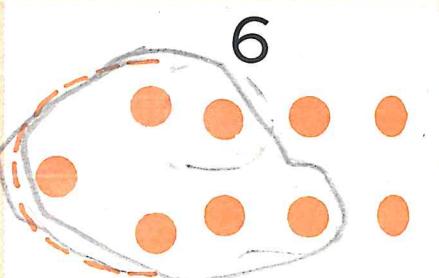
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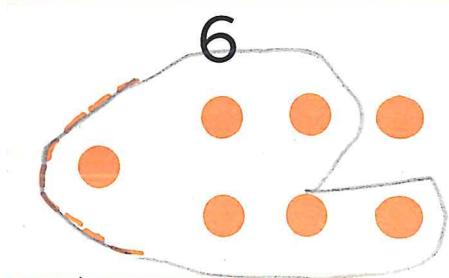
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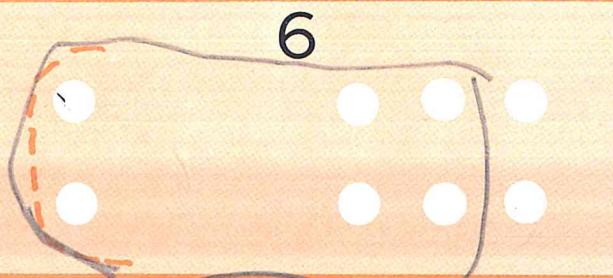
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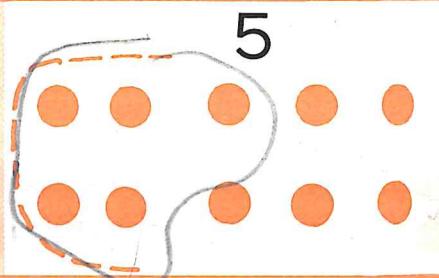
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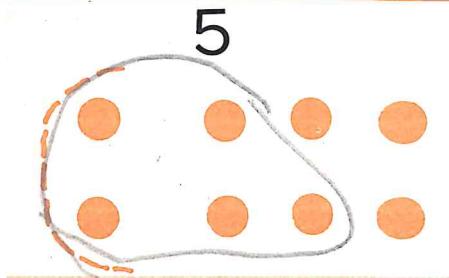
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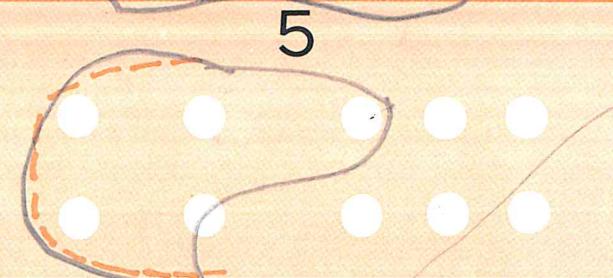
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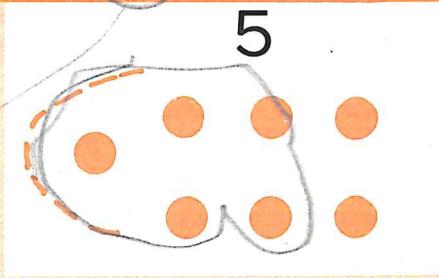
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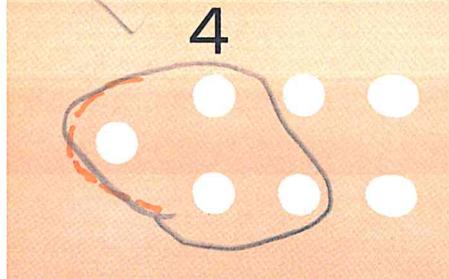
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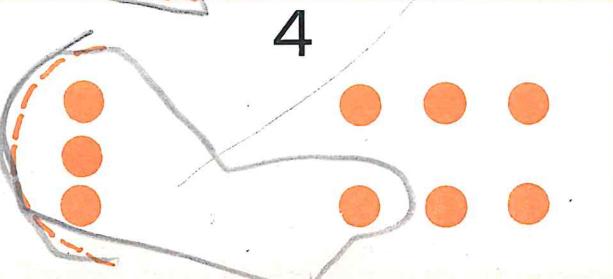
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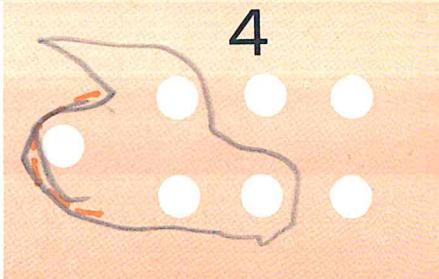
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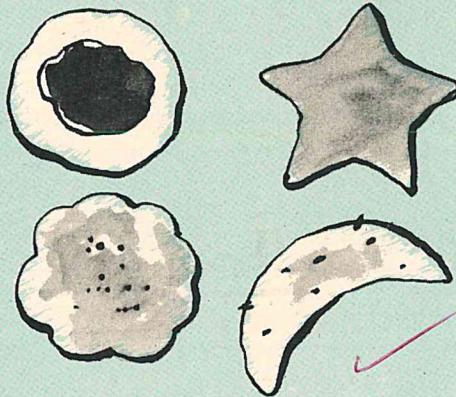
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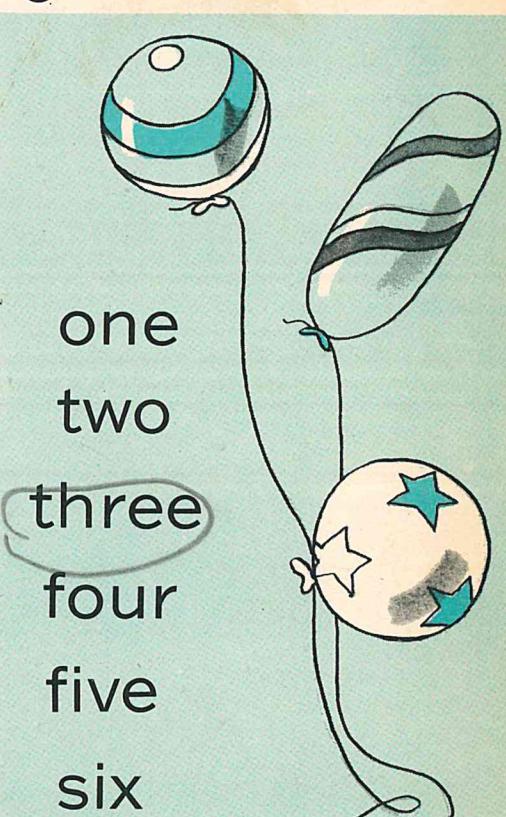
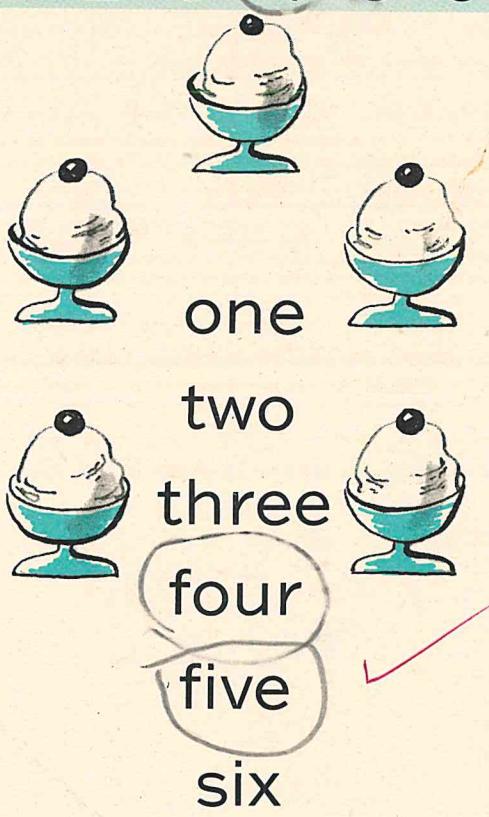


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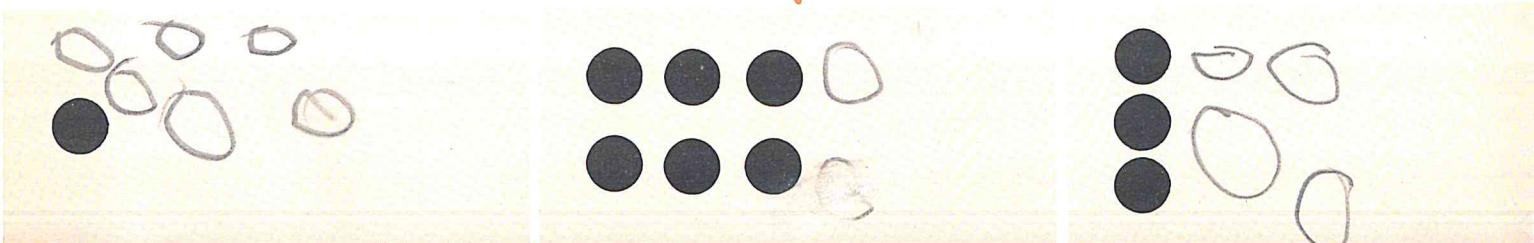
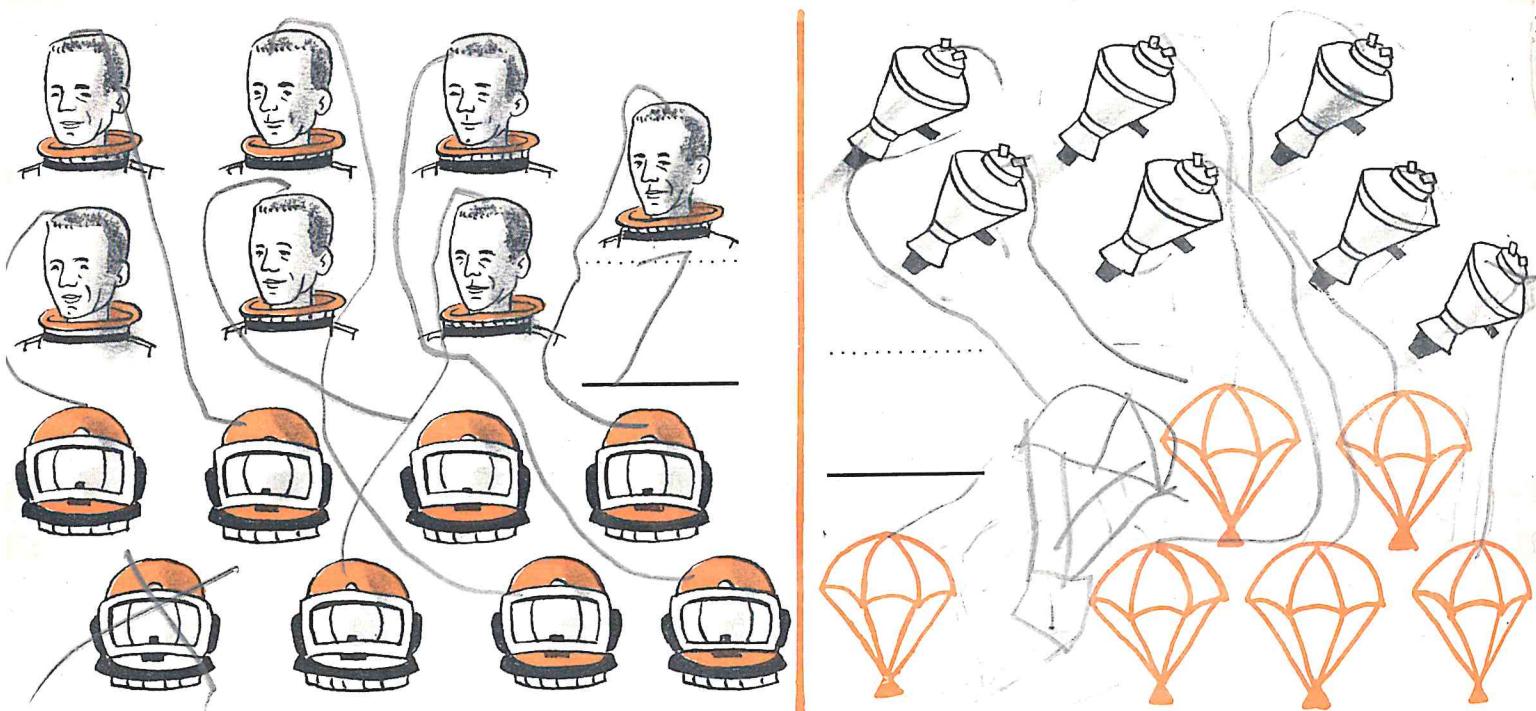
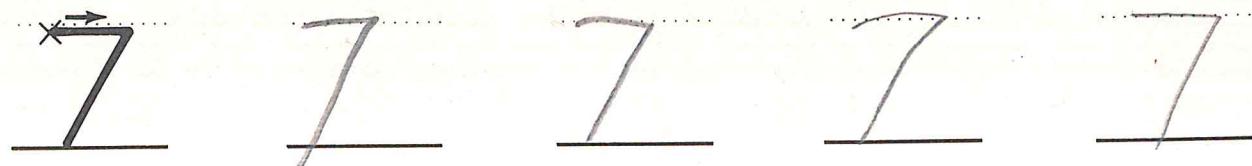
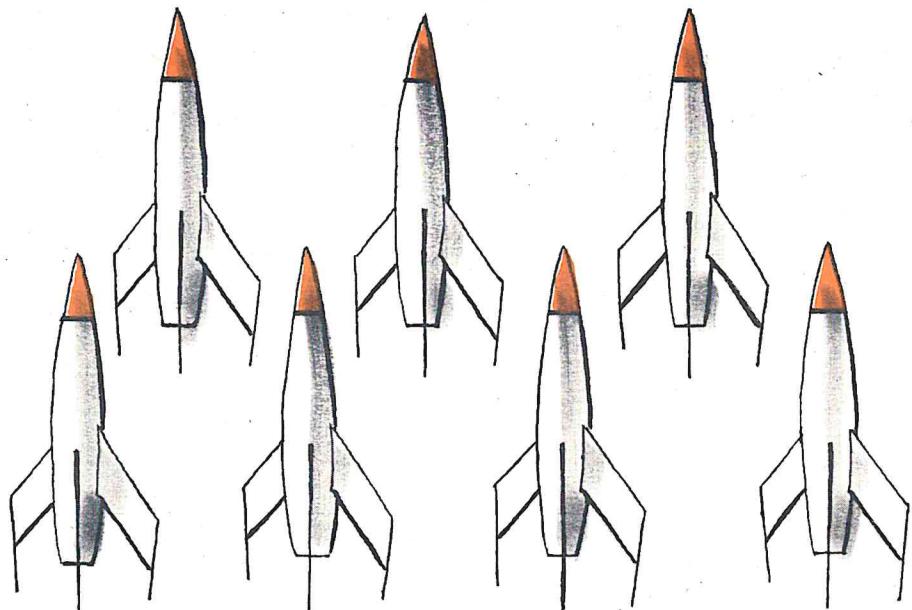
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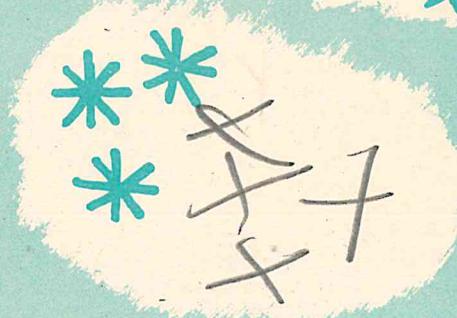


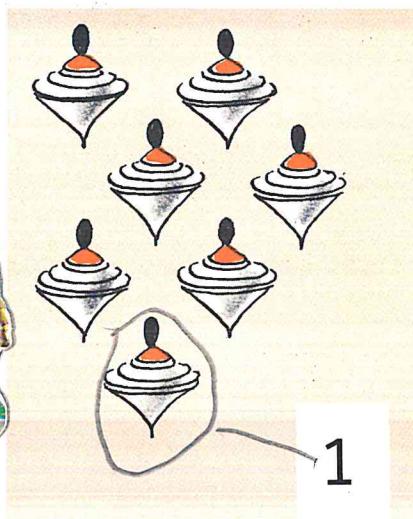
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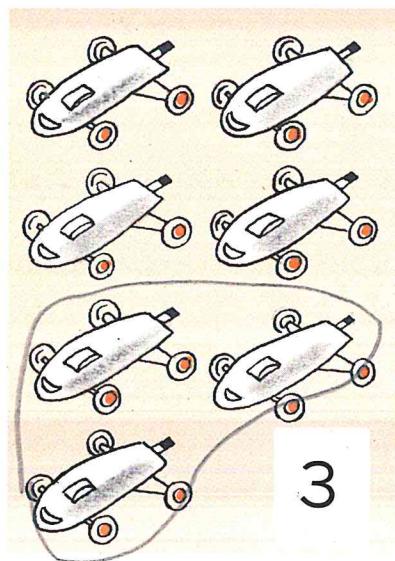
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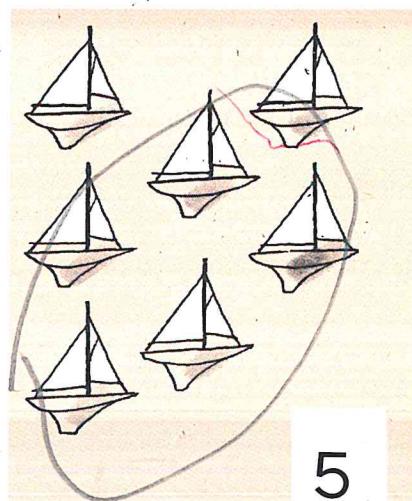




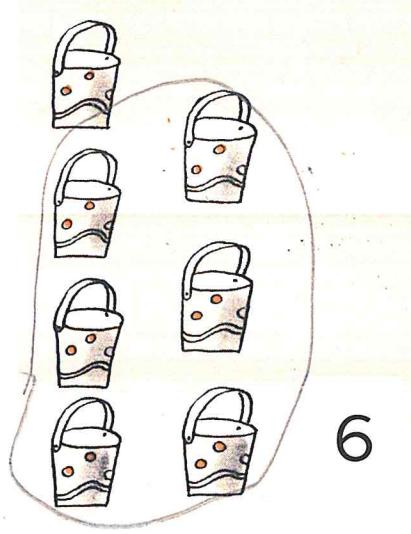
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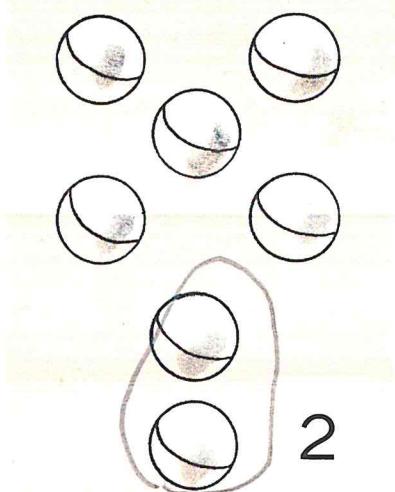
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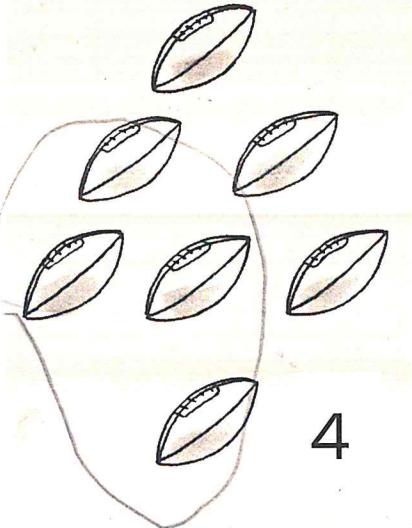
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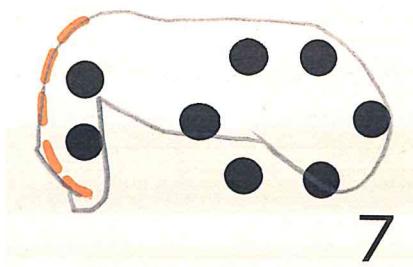
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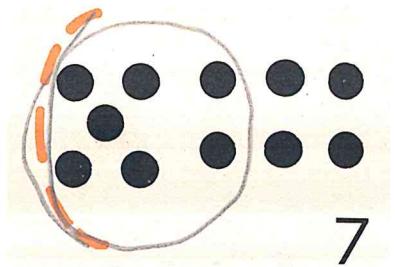
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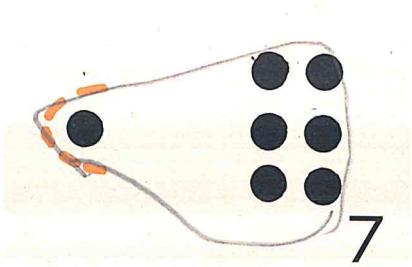
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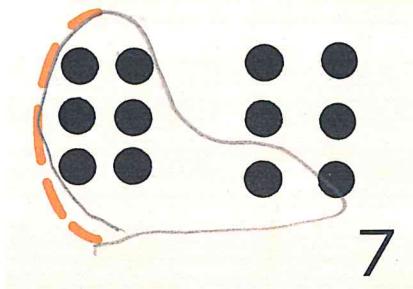
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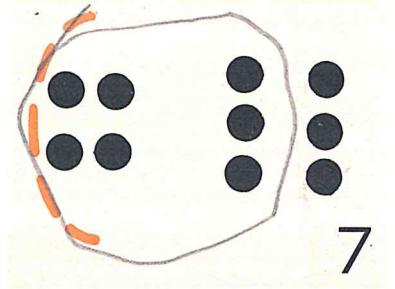
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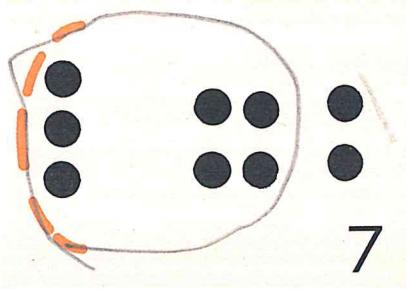
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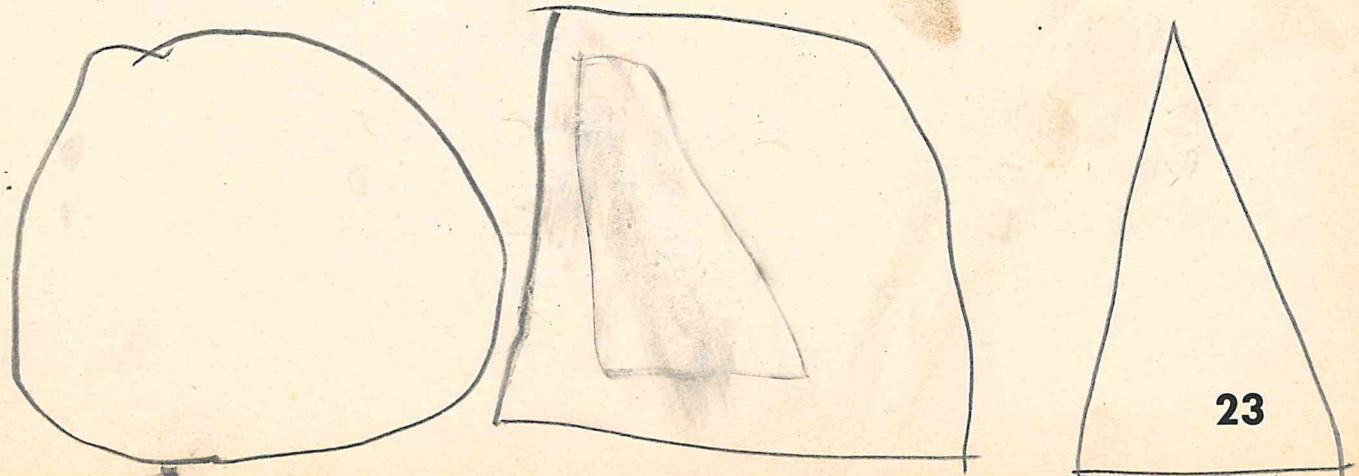
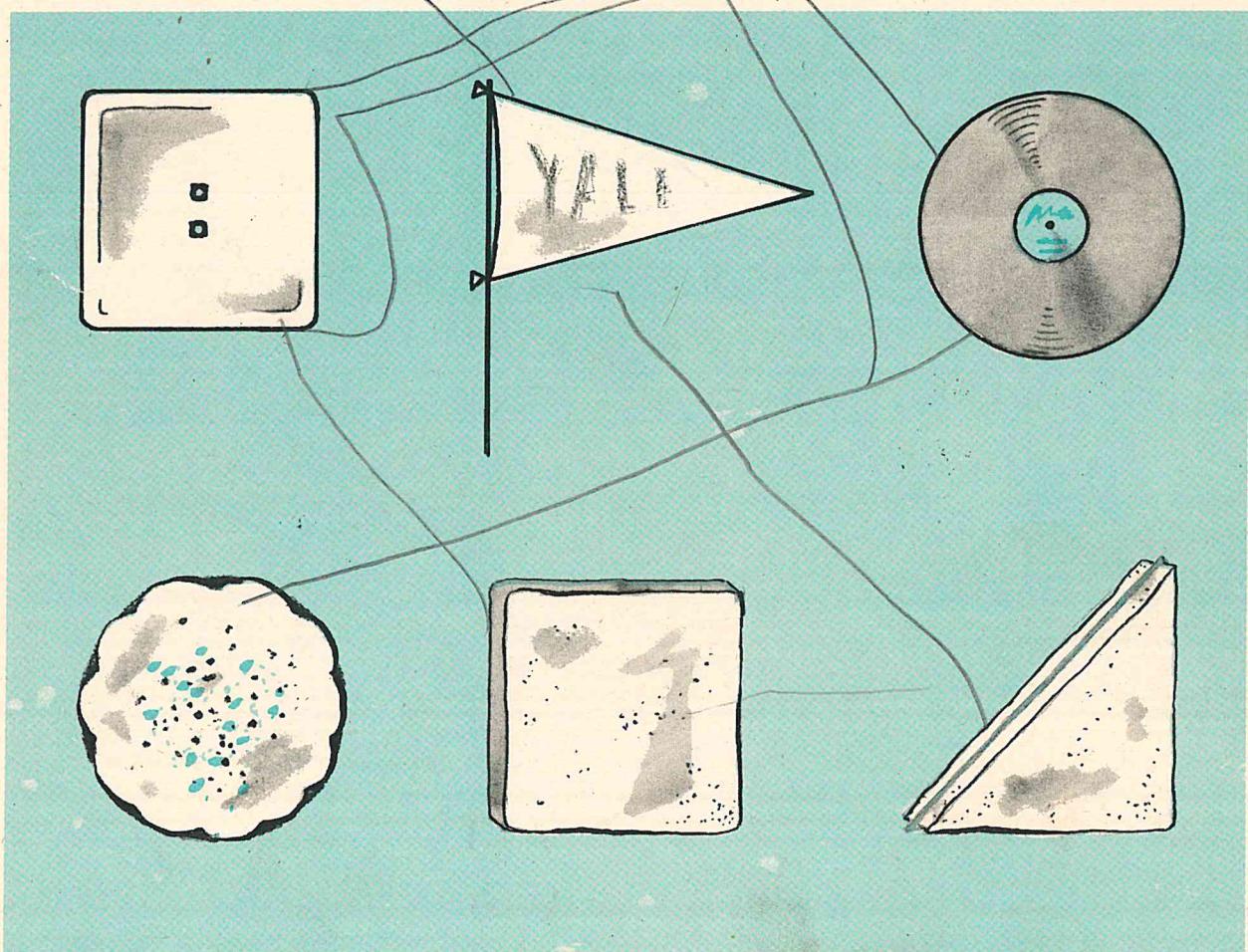
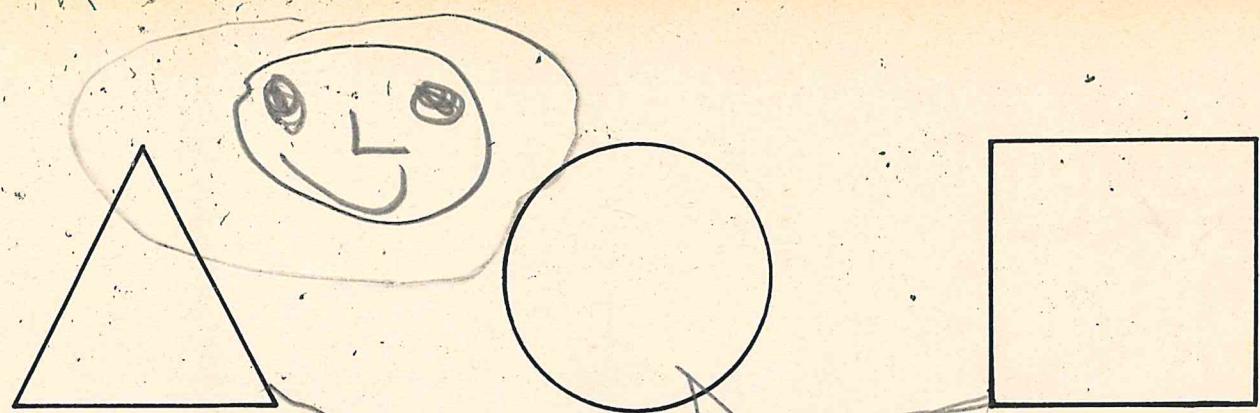
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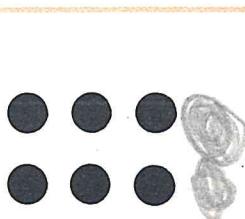
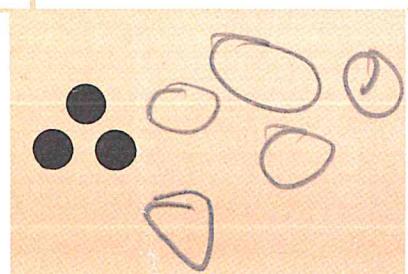
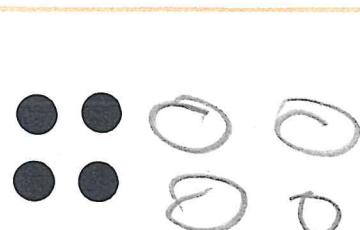
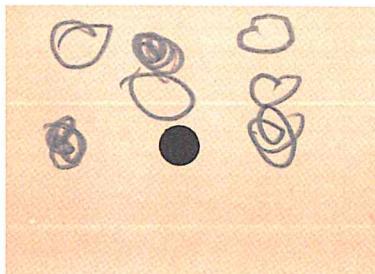
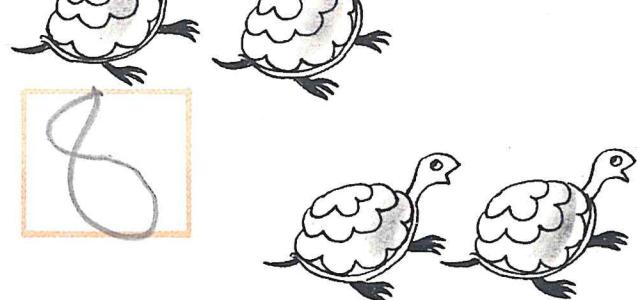
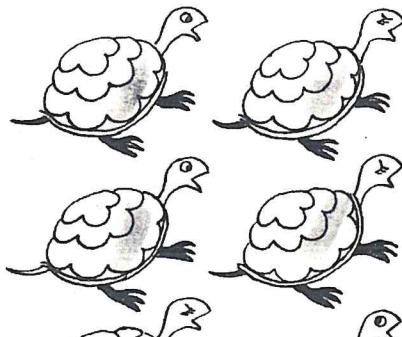
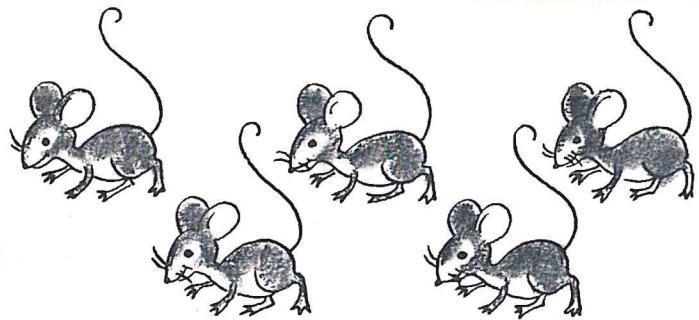
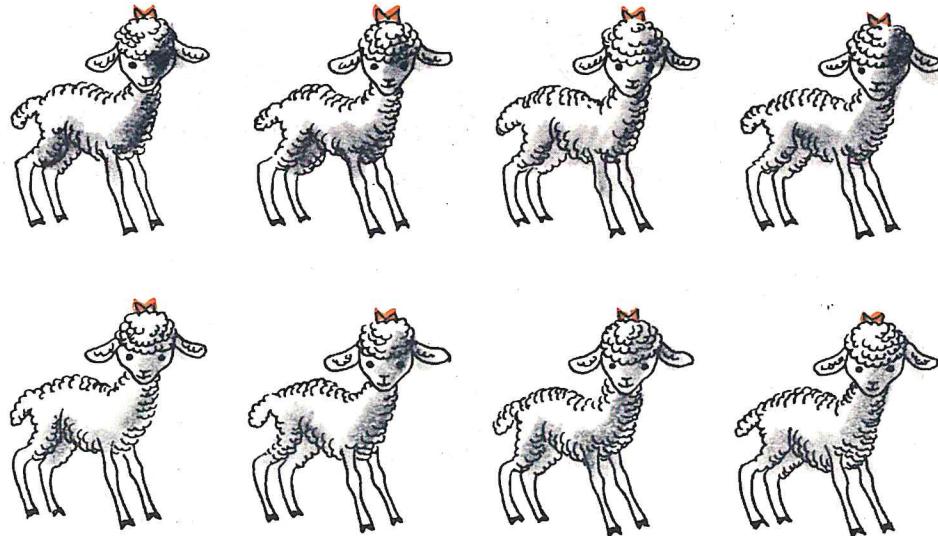


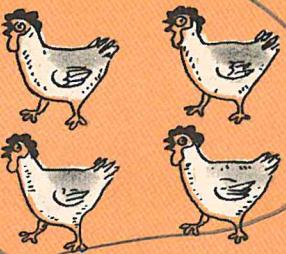
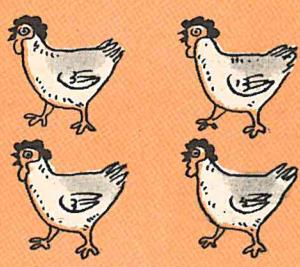
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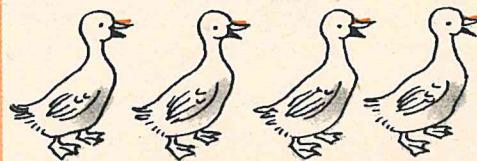
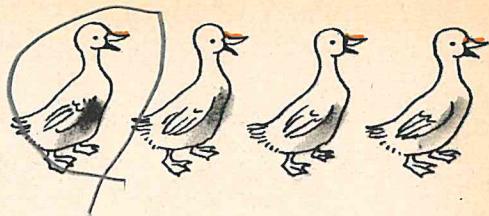
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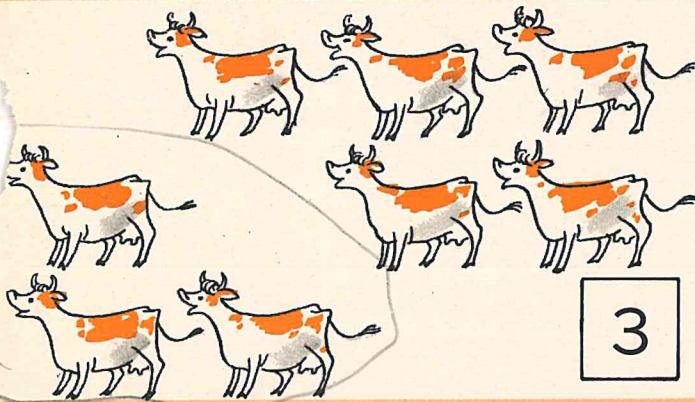




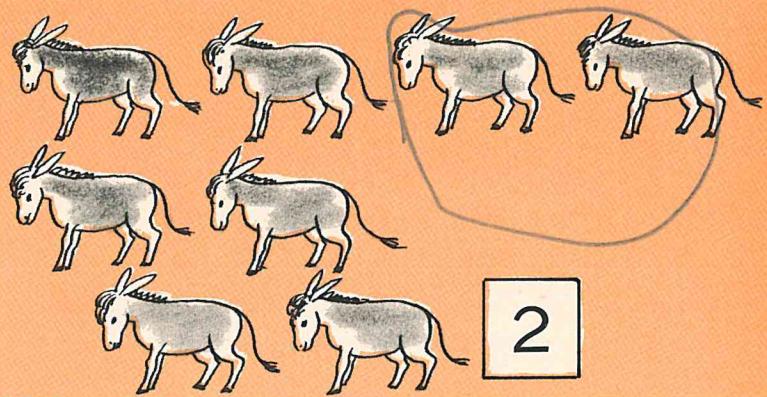
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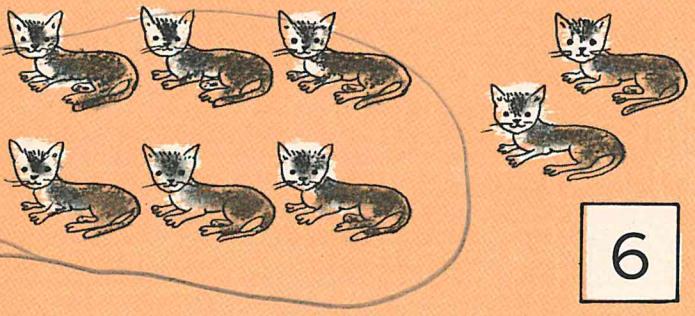
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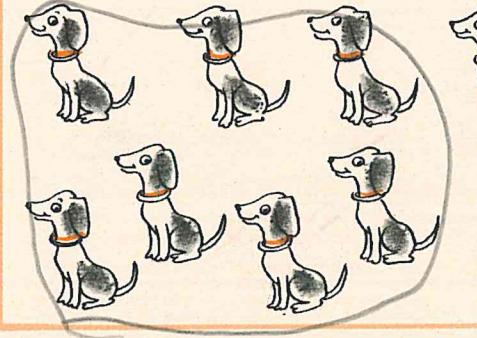
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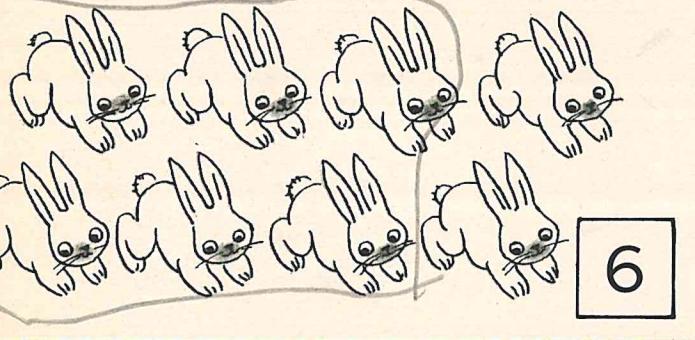
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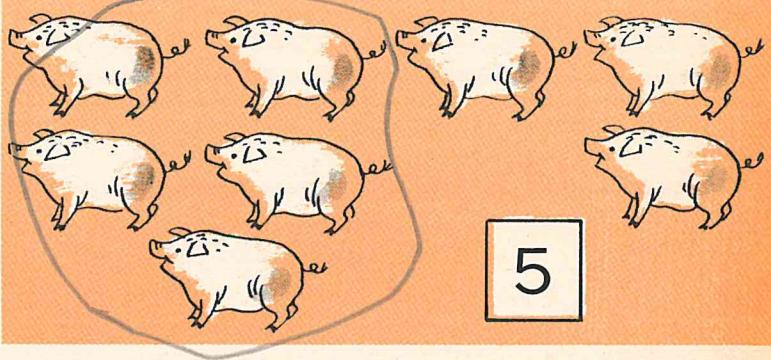
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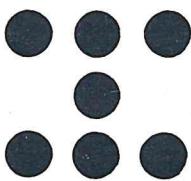
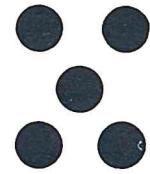
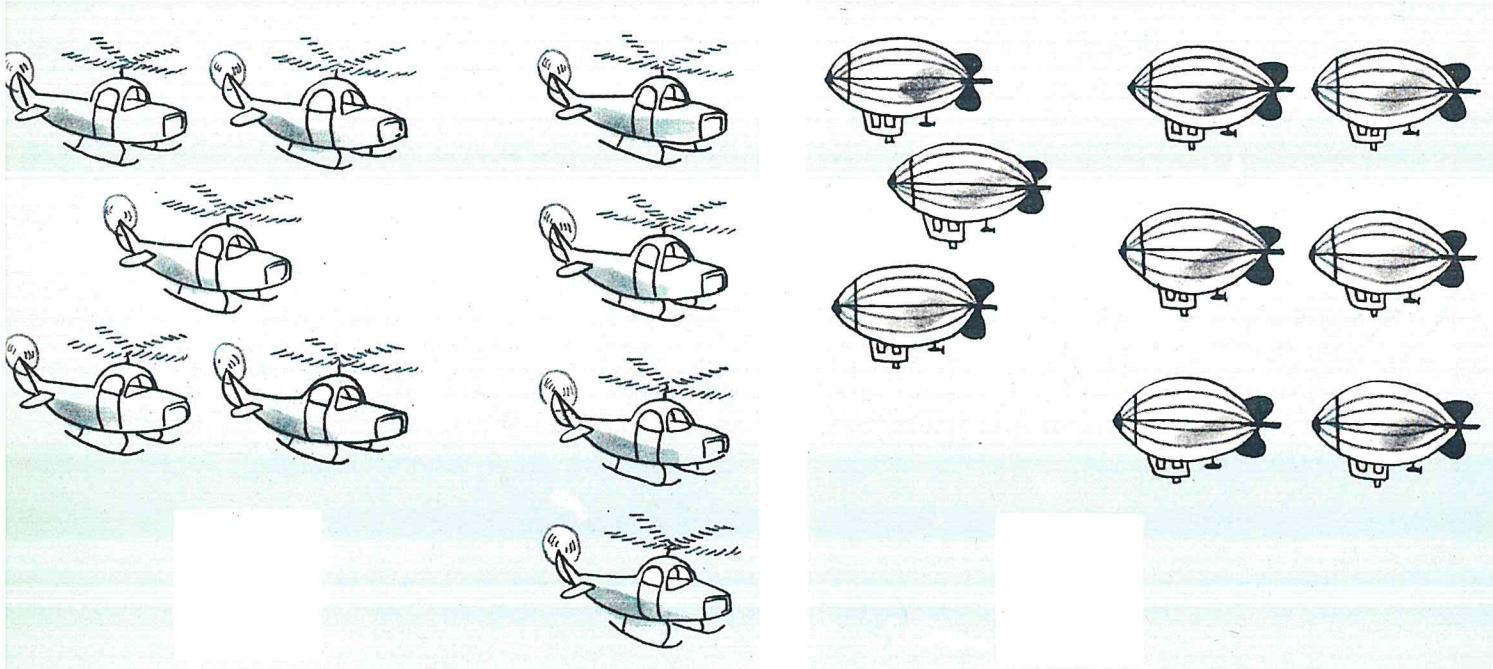
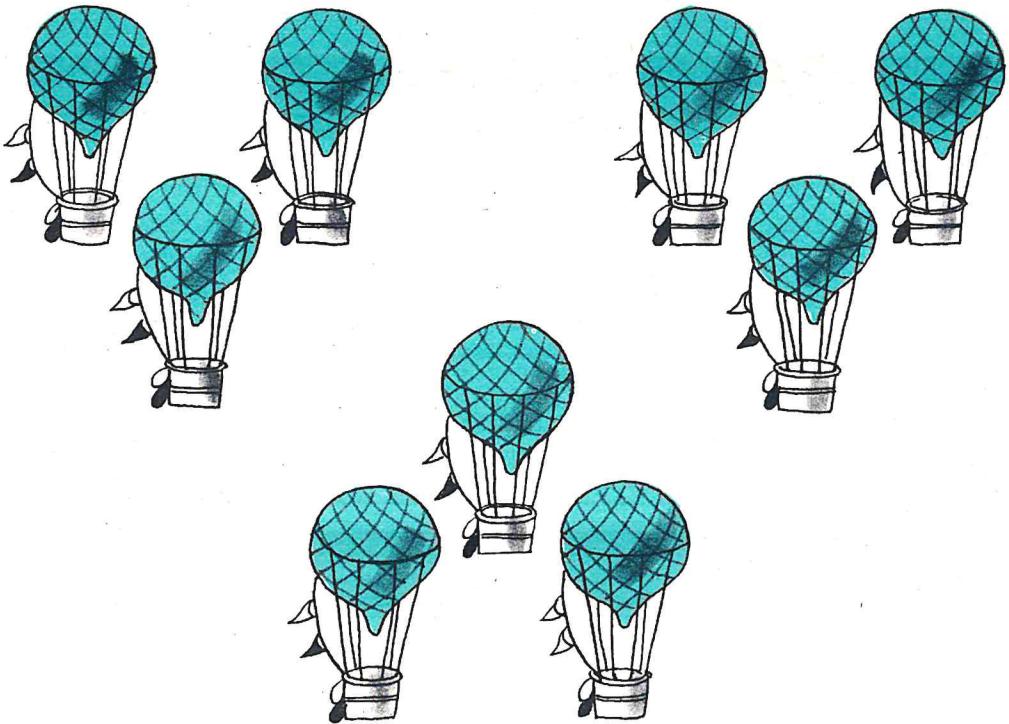
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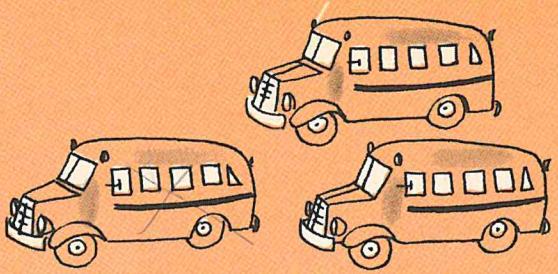
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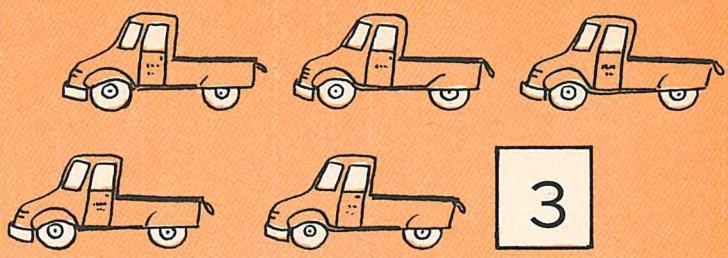
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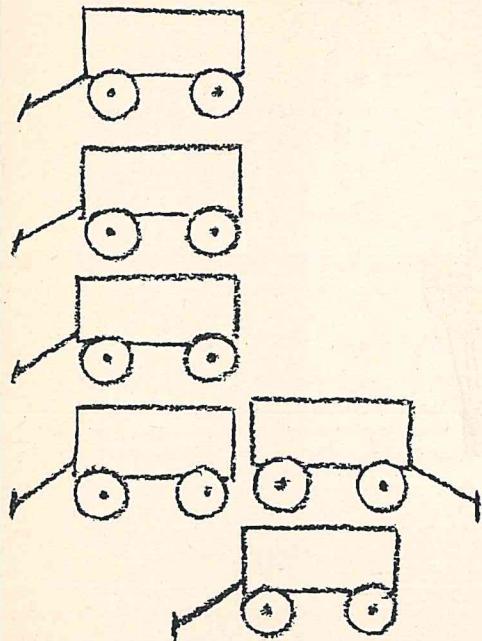




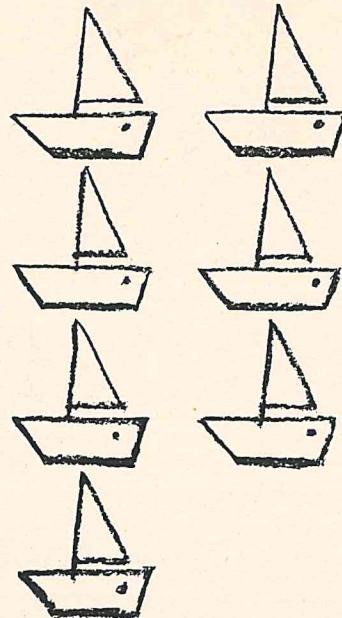
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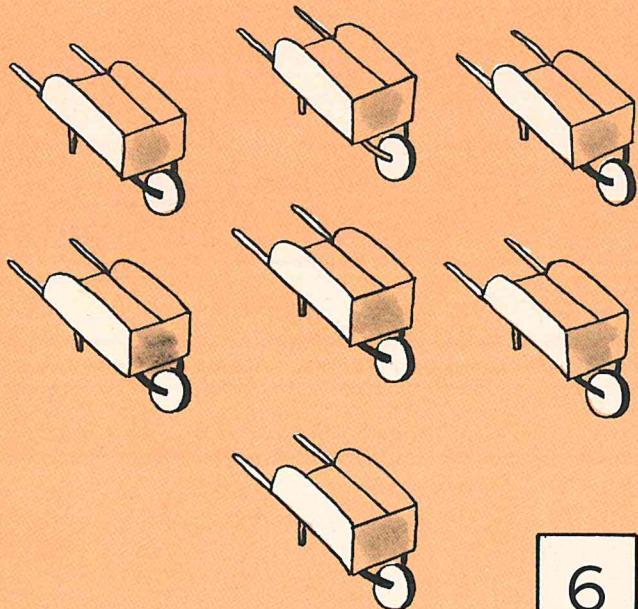
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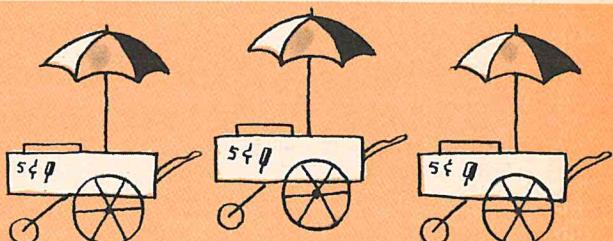
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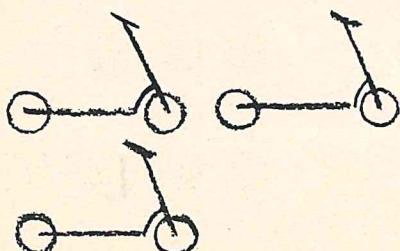
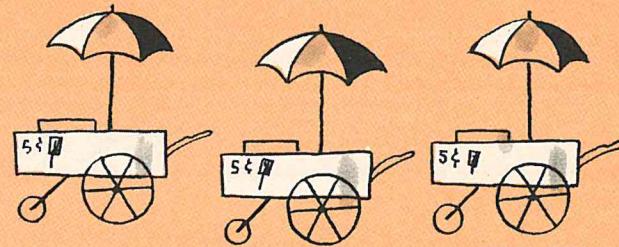
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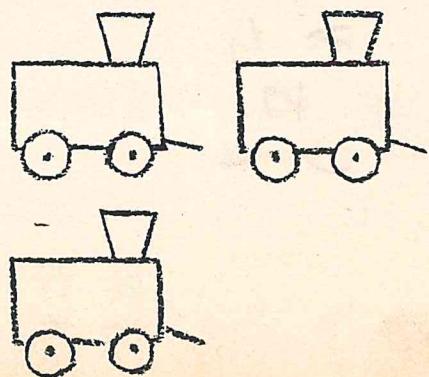
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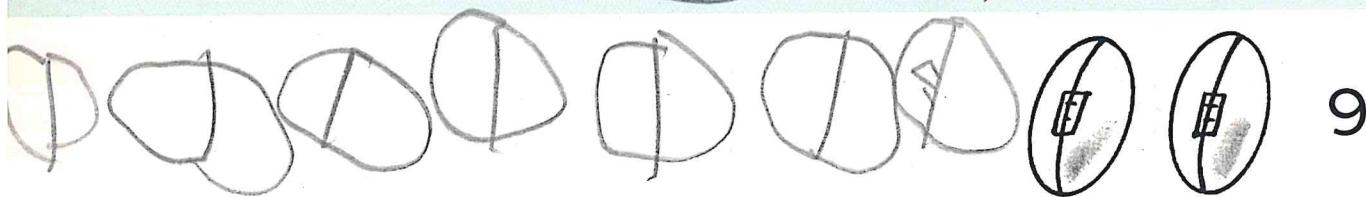
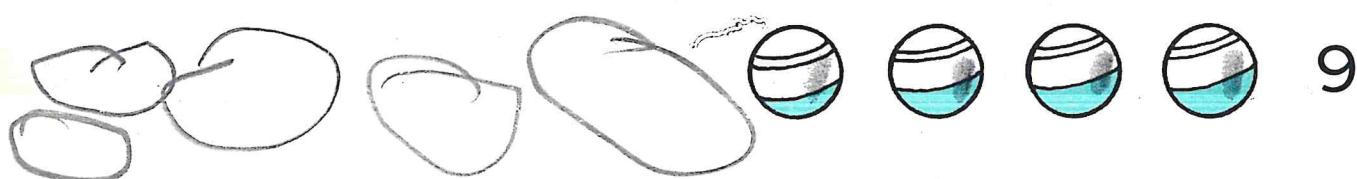
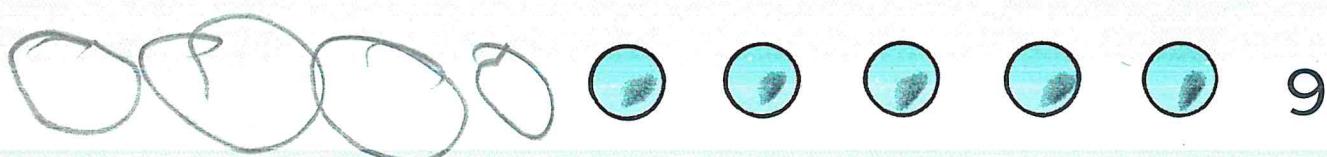
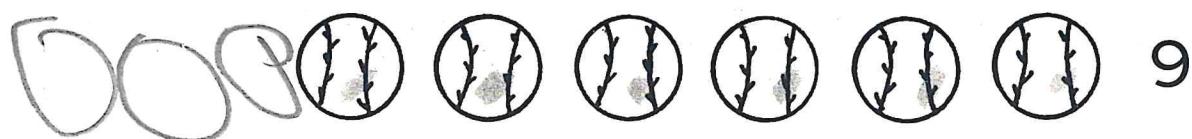
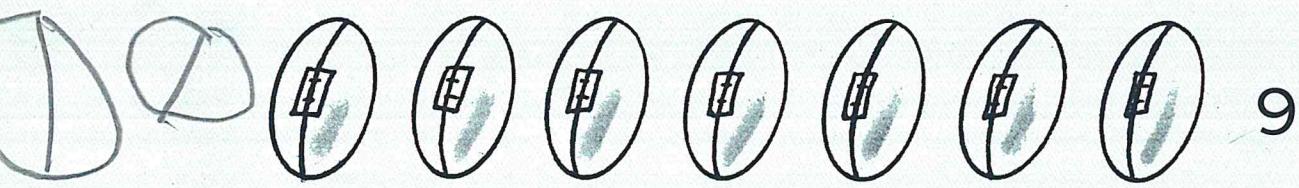
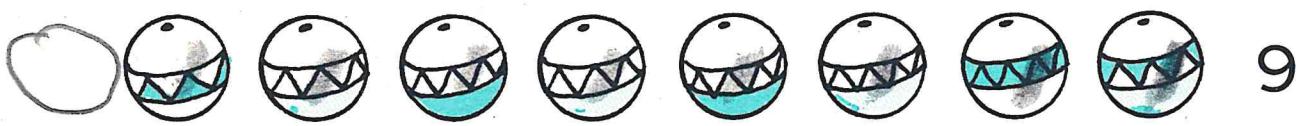
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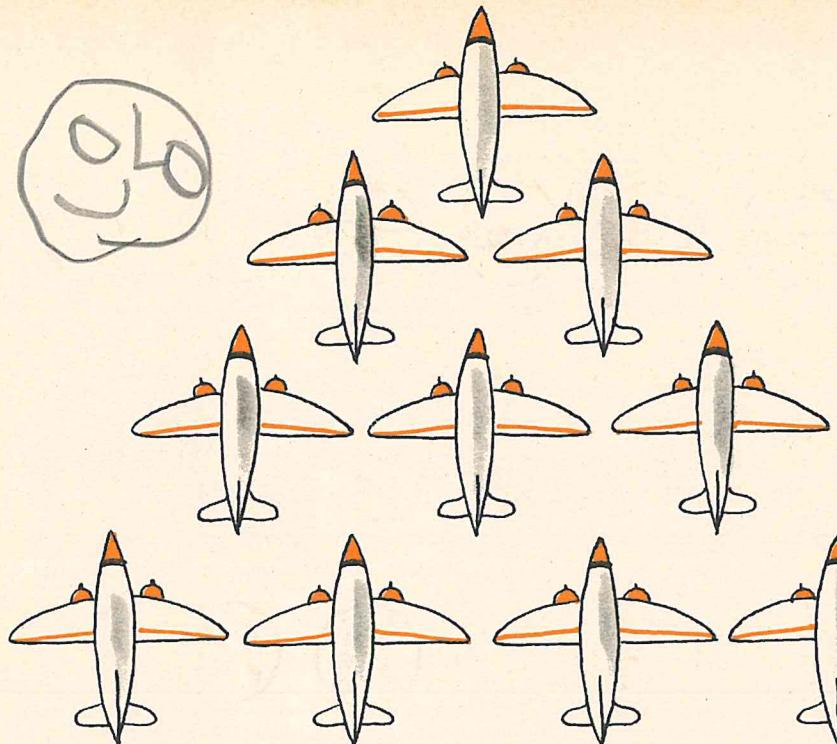
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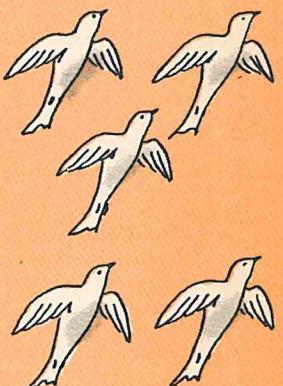
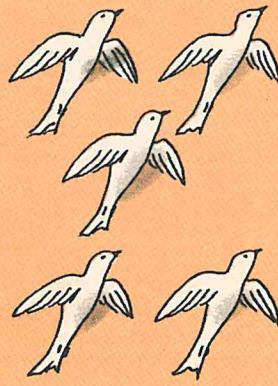
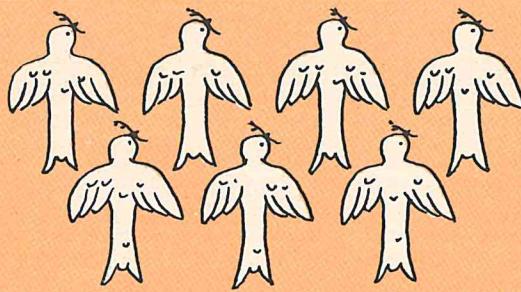
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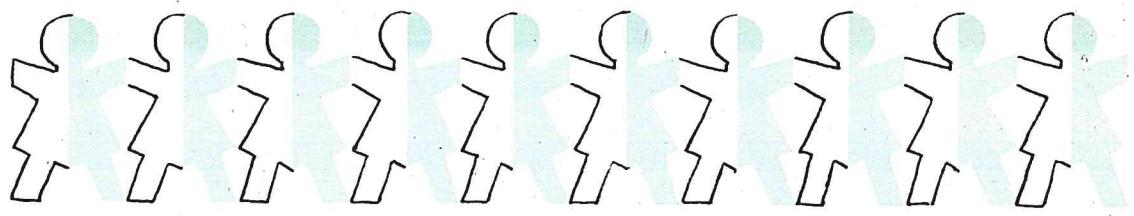
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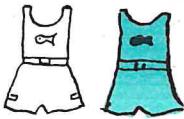
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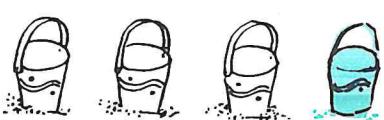
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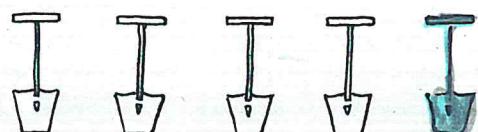
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4



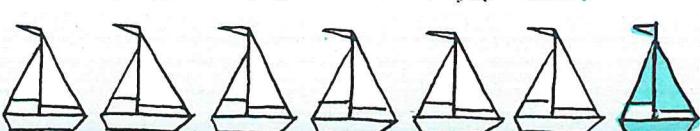
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6



7



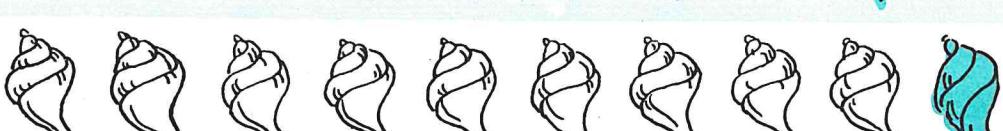
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9



10



1

2

3

4

5

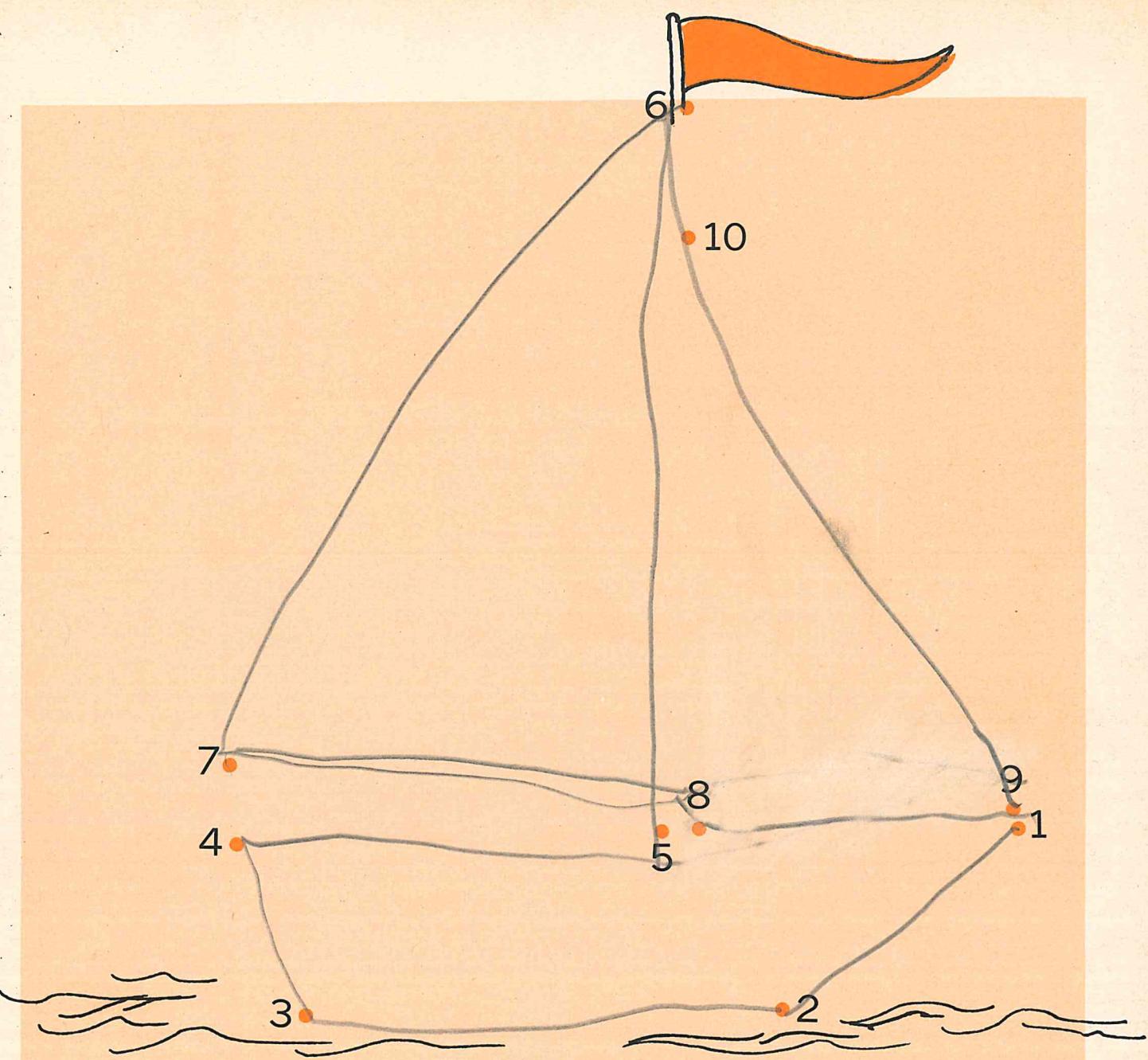
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7

8

9

10

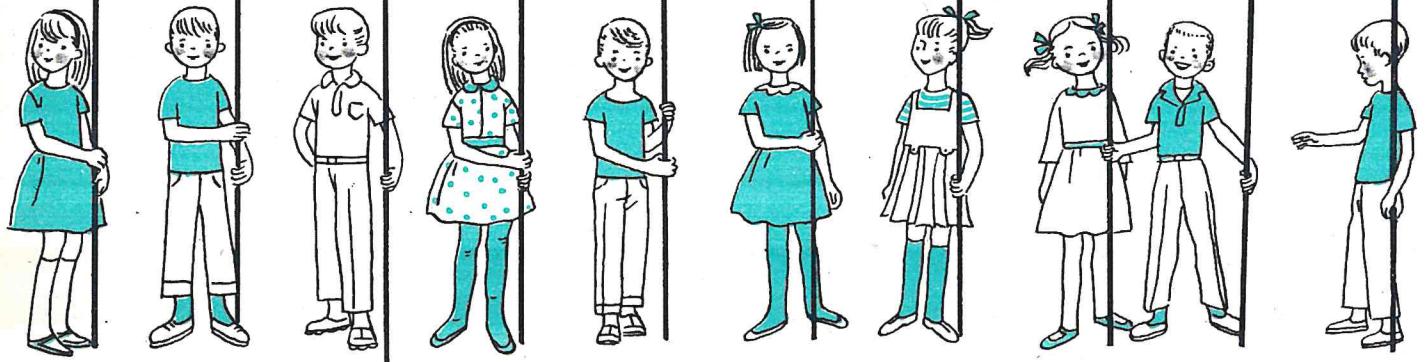


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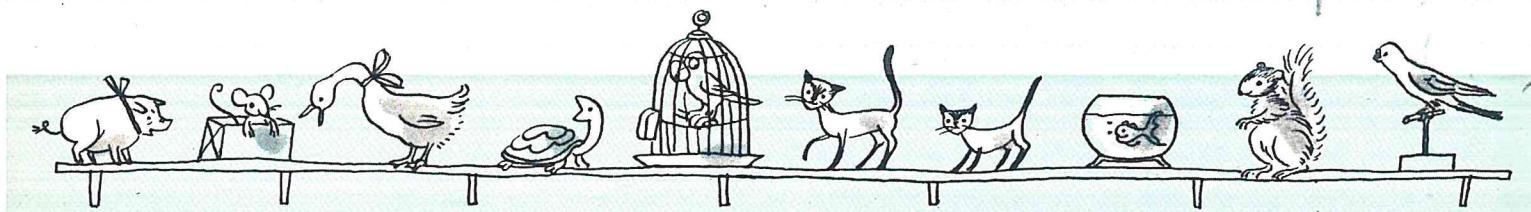
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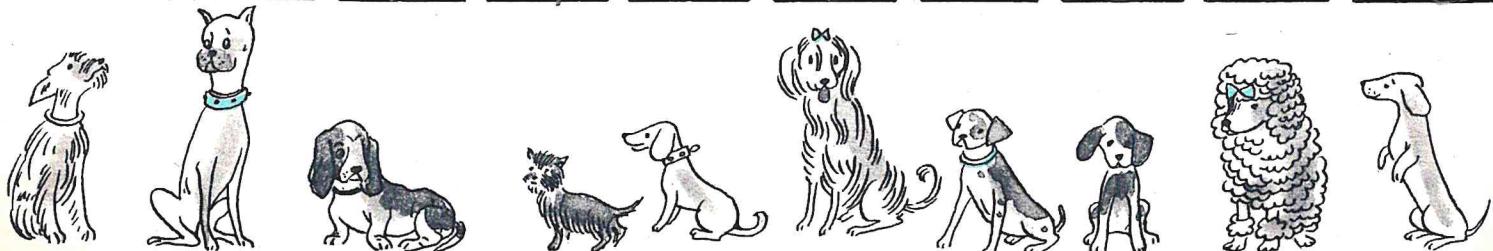
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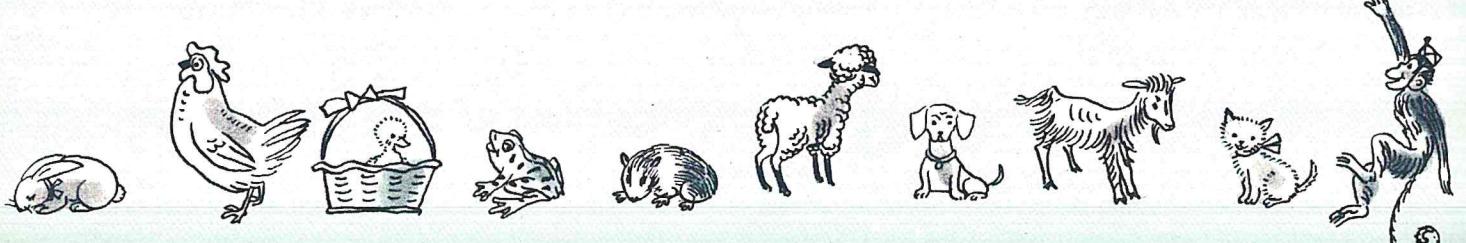
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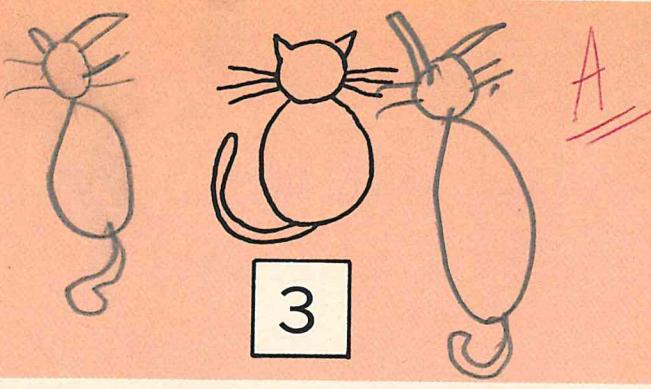


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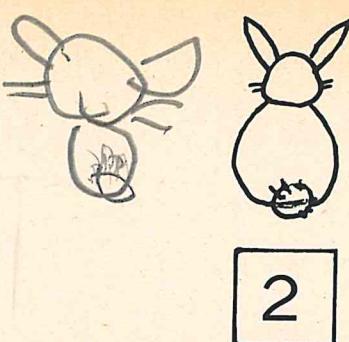


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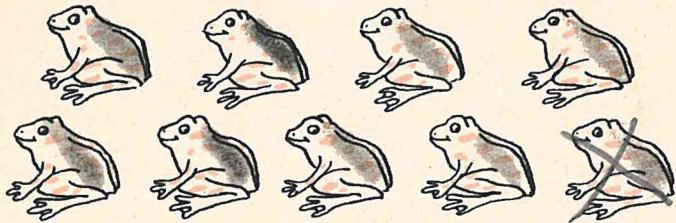




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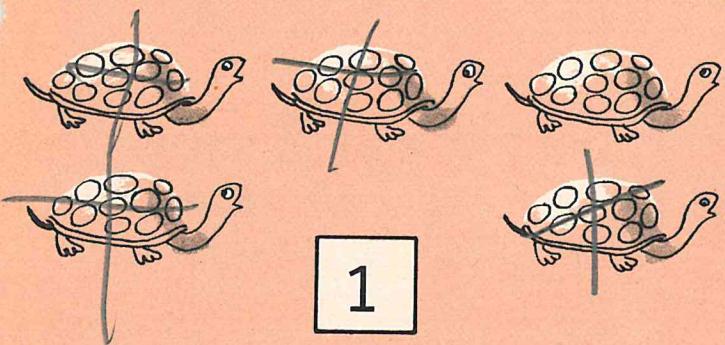
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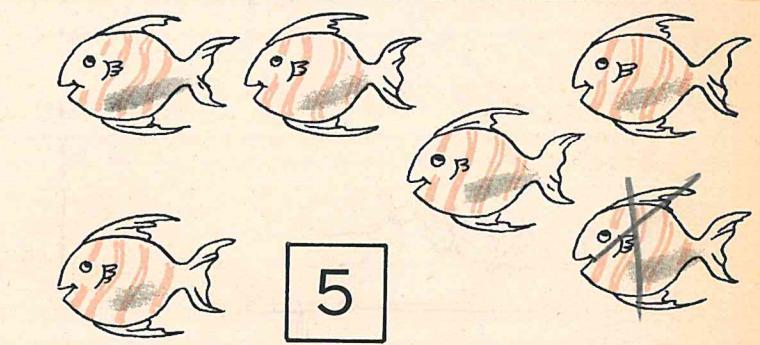
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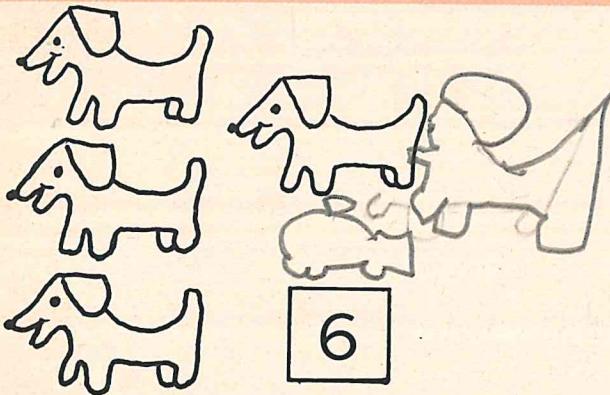
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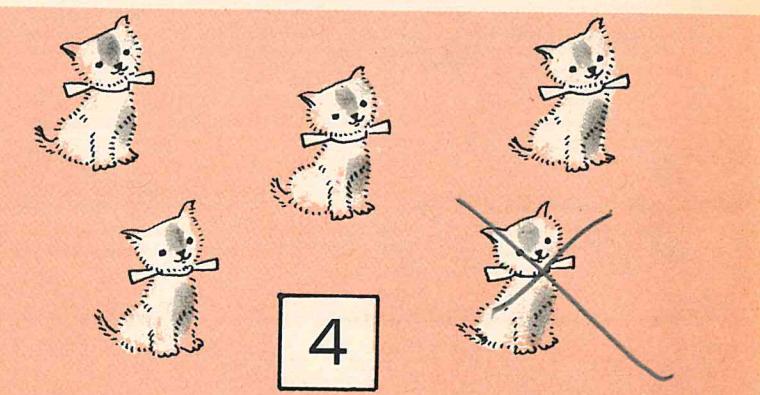
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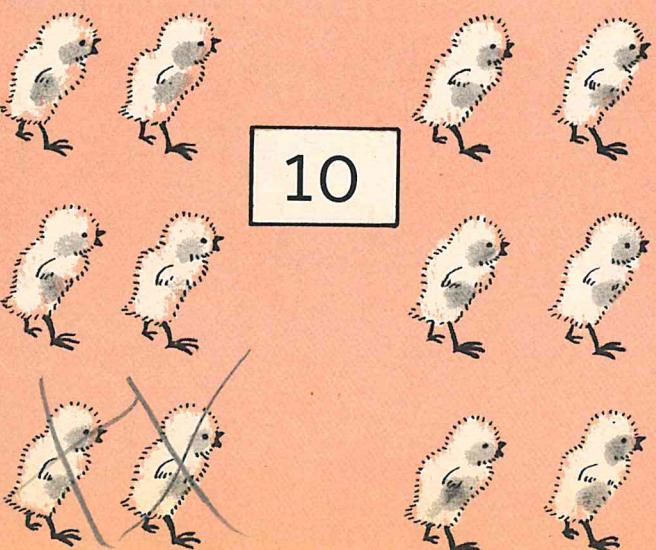
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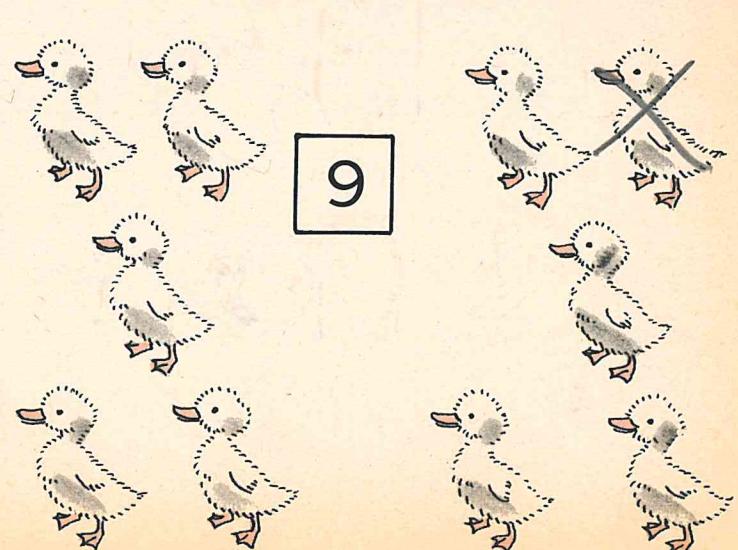
6



4



10



9

one



1

two



2

three



3

four



4

five



5

six



6

seven



7

eight



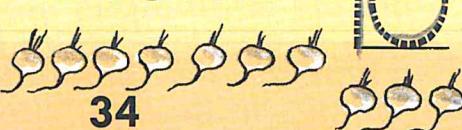
8

nine



9

ten

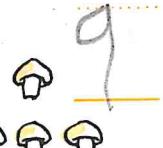


10

one

1

nine



two

2

six



three

3

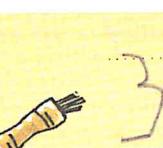
one



four

4

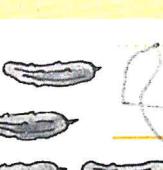
three



five

5

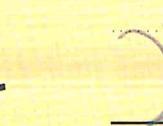
eight



six

6

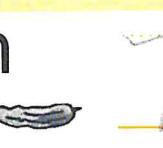
two



seven

7

seven



eight

8

ten



nine

9

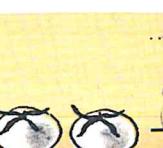
four



ten

10

five





8	3	6	2	4	9
2	6	5	3	1	4
7	4	2	6	3	5
1	3	6	8	2	4
5	10	3	9	7	2
10	8	6	4	7	5
2	6	4	8	1	3
5	3	7	9	6	4
4	8	5	7	3	2
5	9	6	8	7	10



1¢



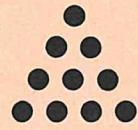
5¢



10¢



1 ten is 10.



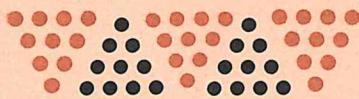
— ten is —.

3 tens are 30.



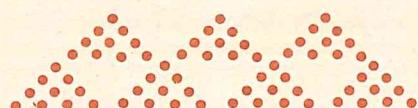
— tens are —.

5 tens are 50.



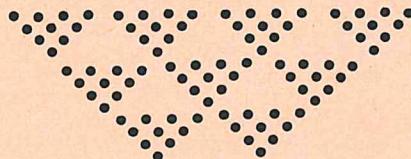
— tens are —.

7 tens are 70.



— tens are —.

9 tens are 90.



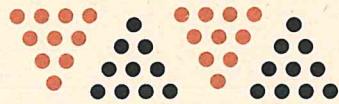
— tens are —.

2 tens are 20.



— tens are —.

4 tens are 40.



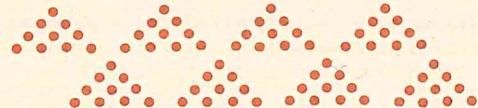
— tens are —.

6 tens are 60.



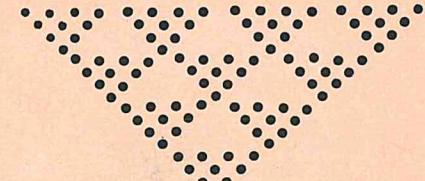
— tens are —.

8 tens are 80.

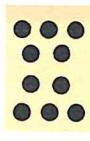


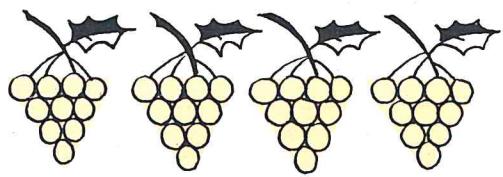
— tens are —.

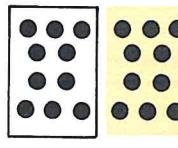
10 tens are 100.

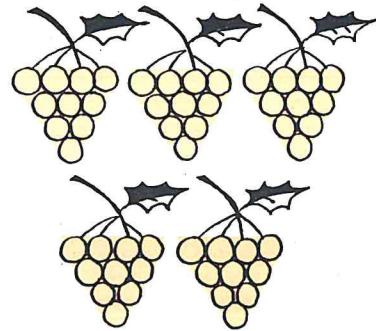


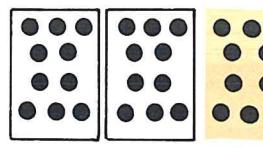
— tens are —.

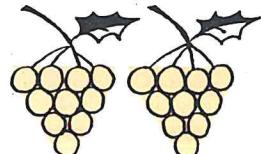
 10 \_\_\_\_\_

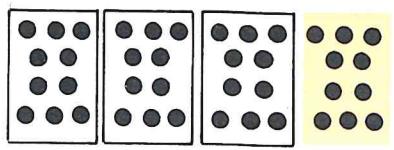


 20 \_\_\_\_\_

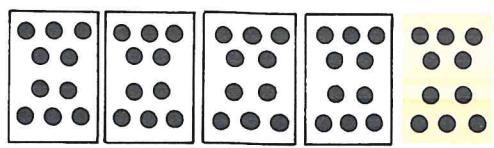


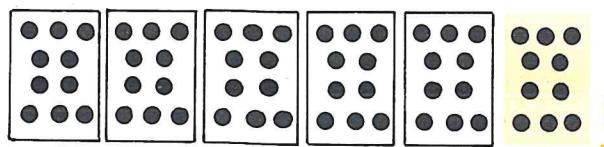
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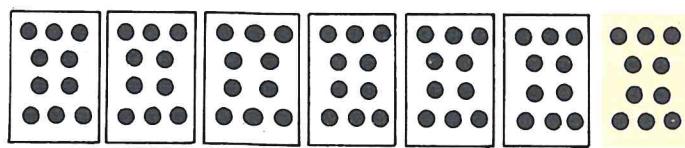


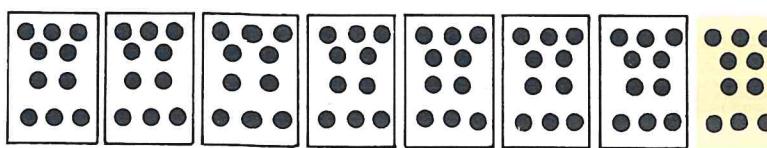
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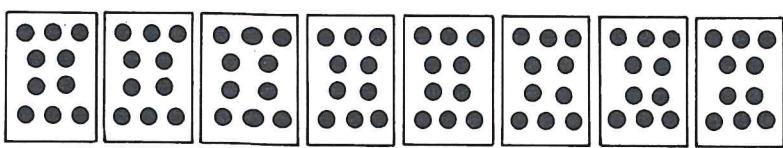


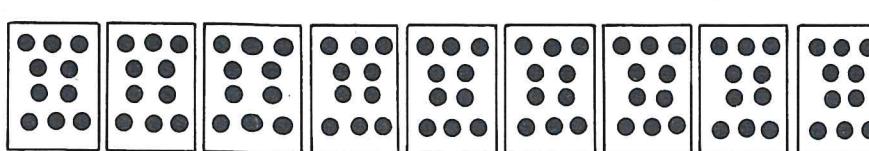
 50 \_\_\_\_\_

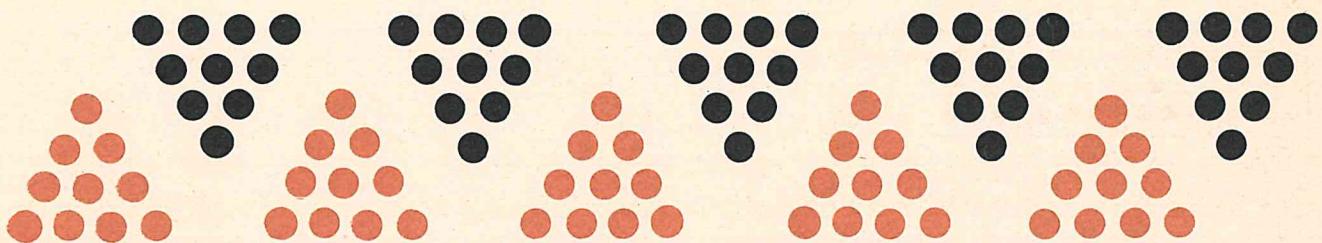
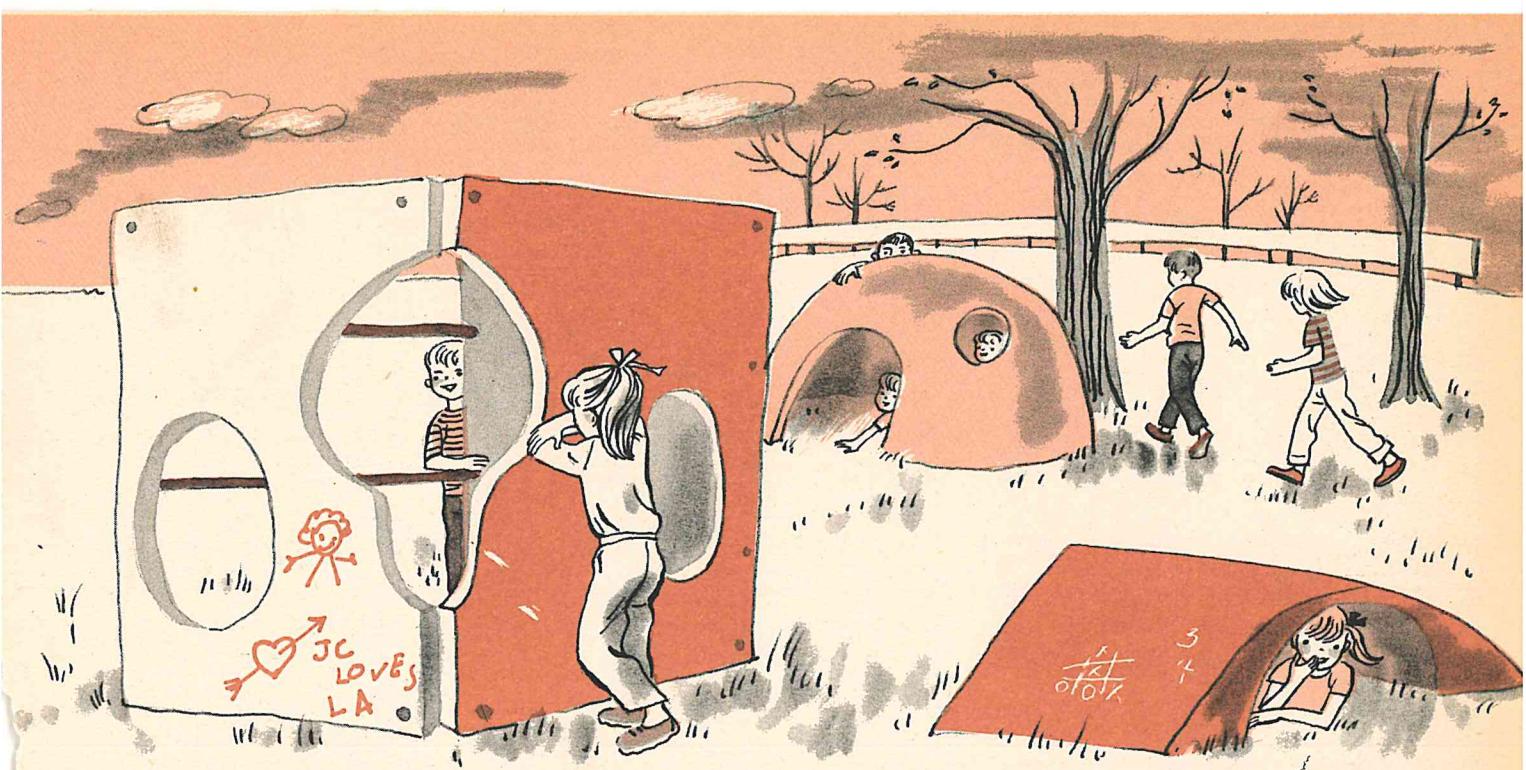
 60 \_\_\_\_\_

 70 \_\_\_\_\_

 80 \_\_\_\_\_

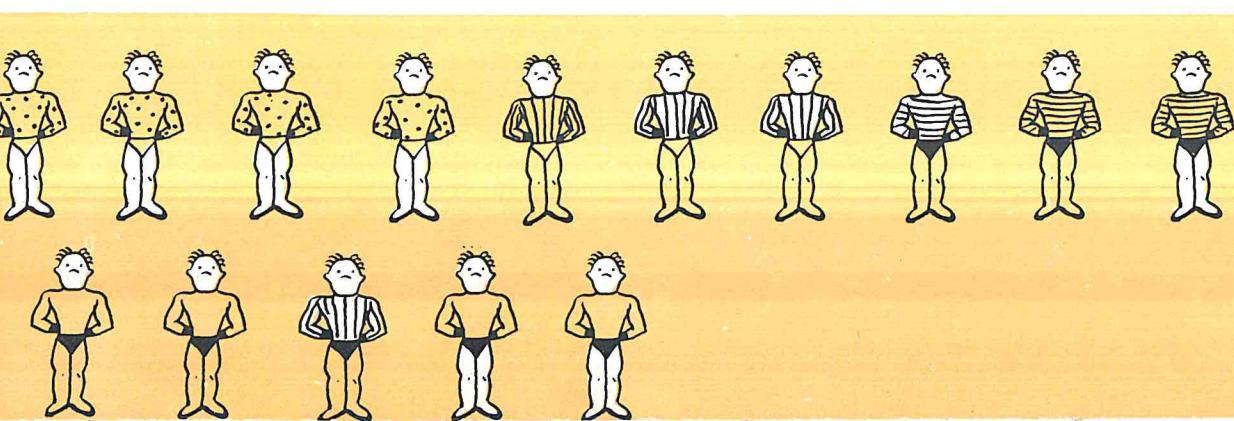
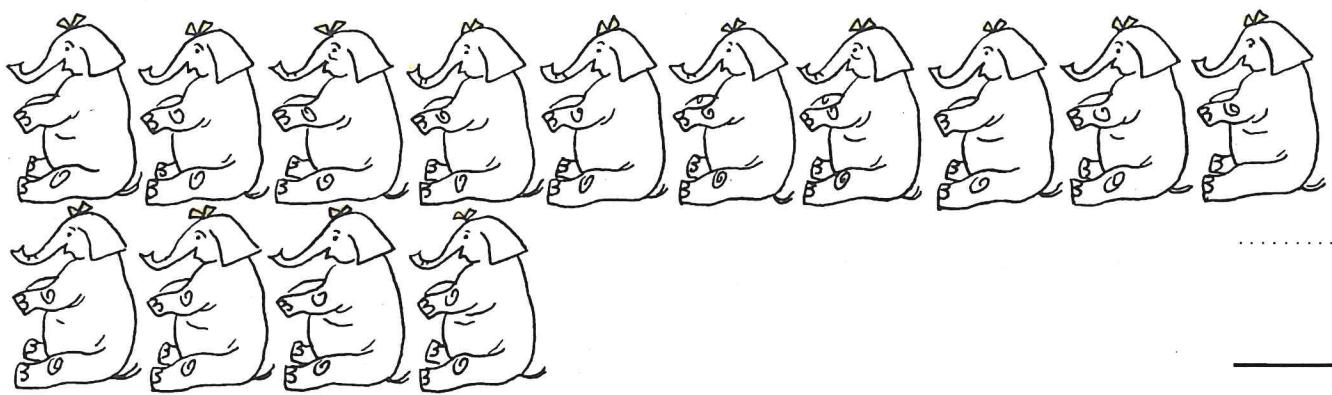
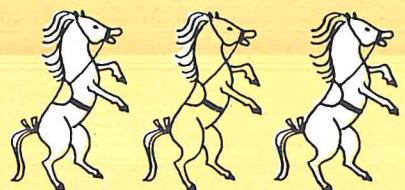
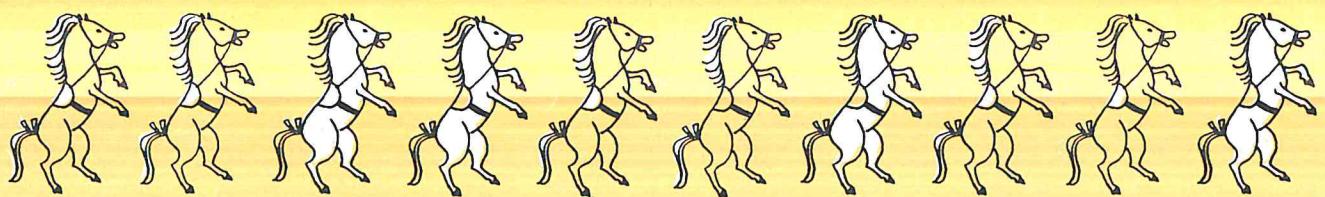
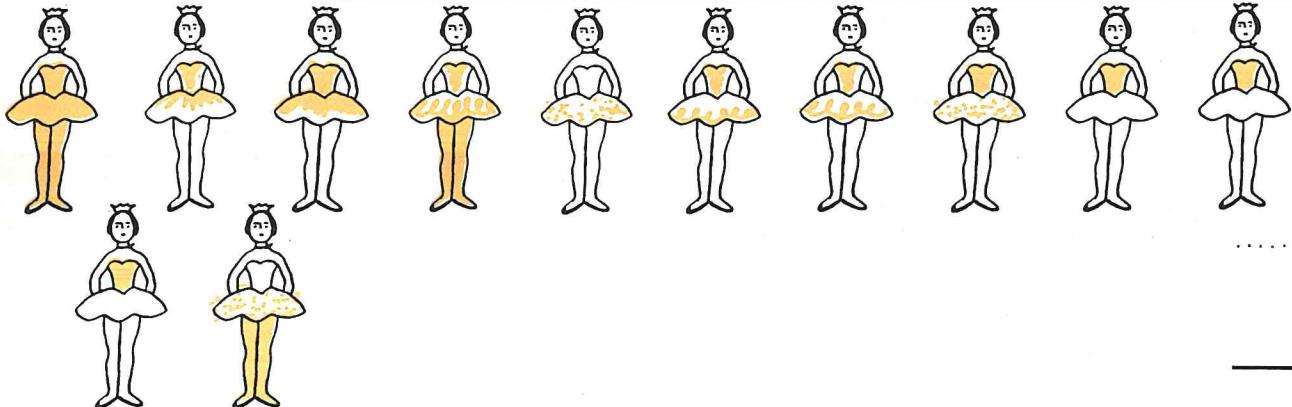
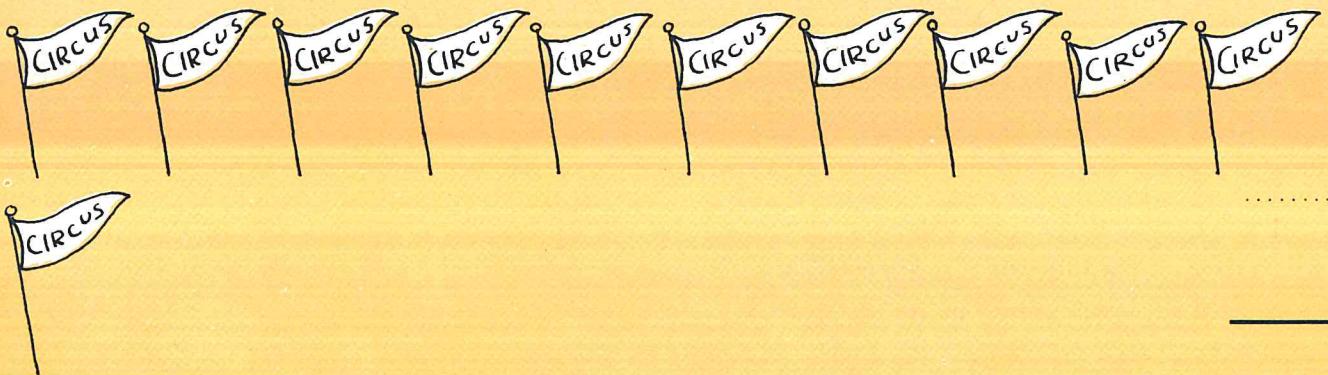
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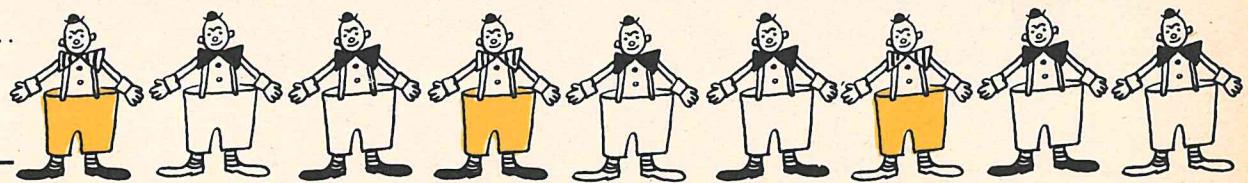
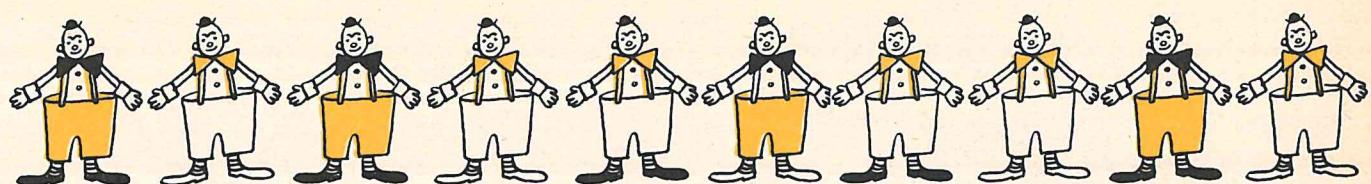
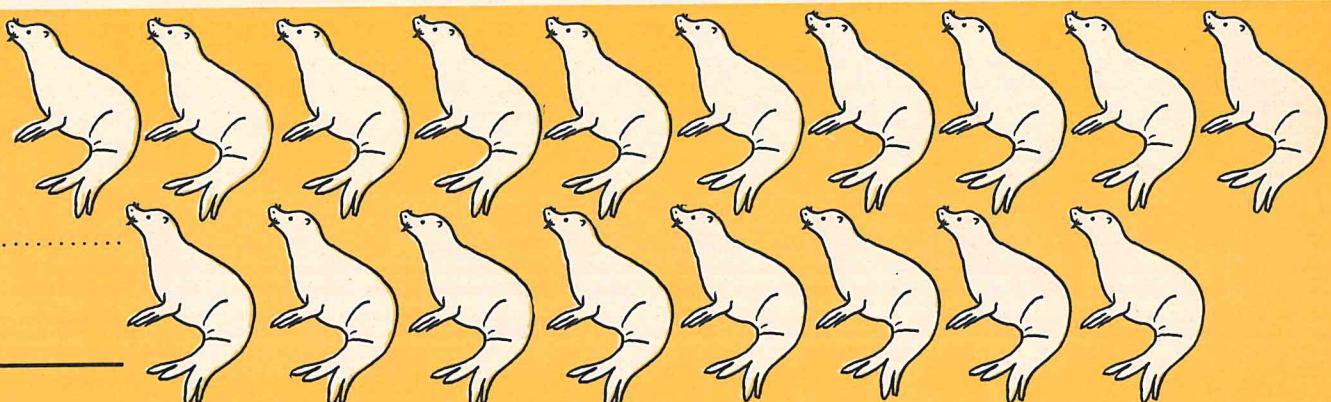
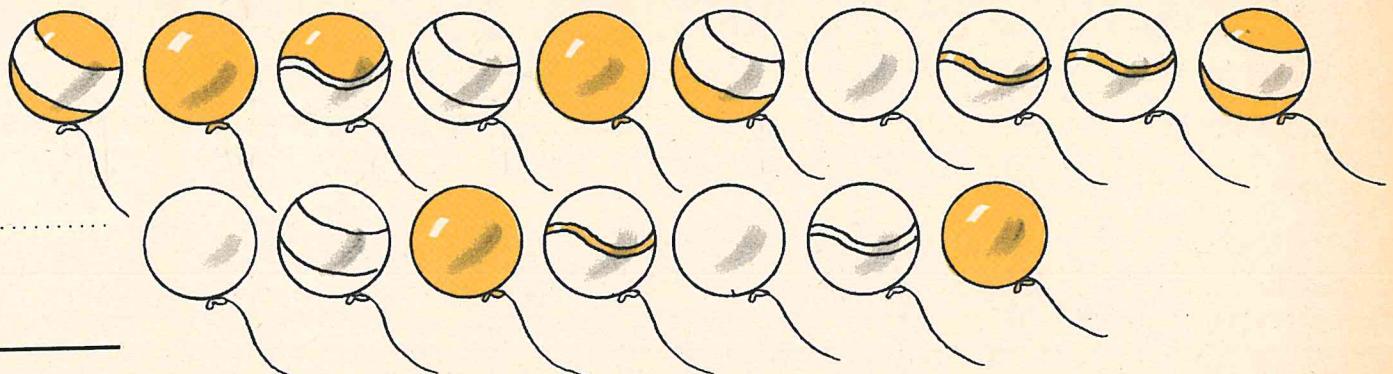
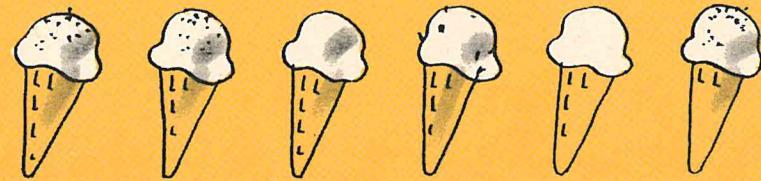
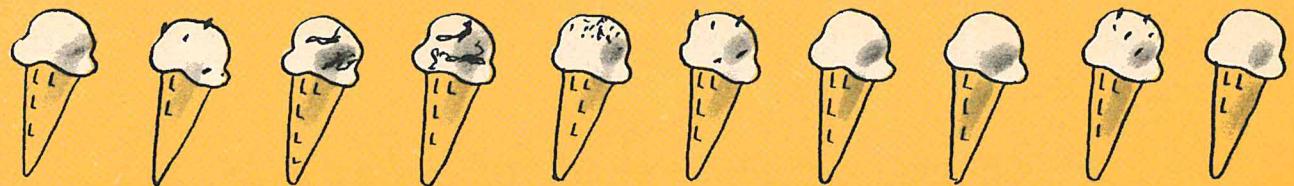
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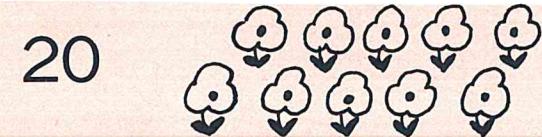
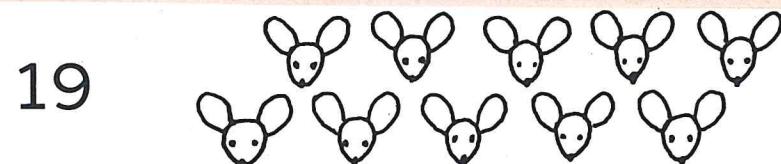
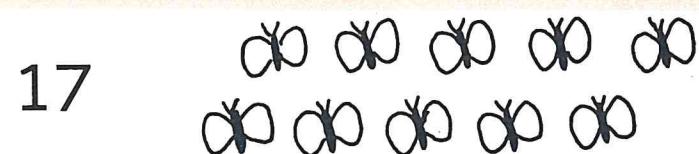
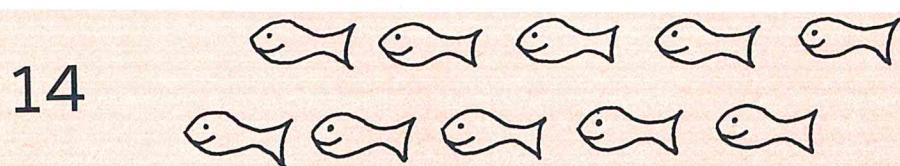
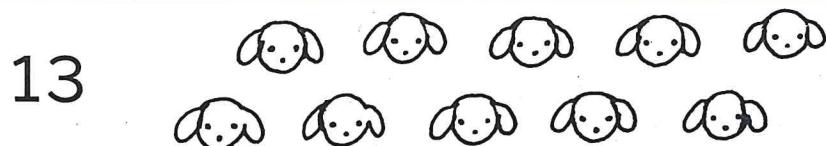
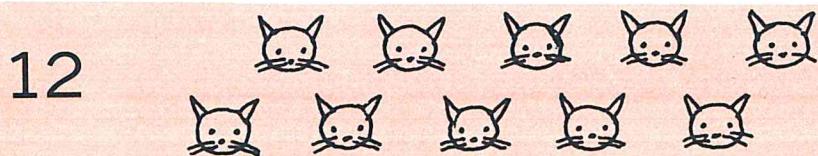
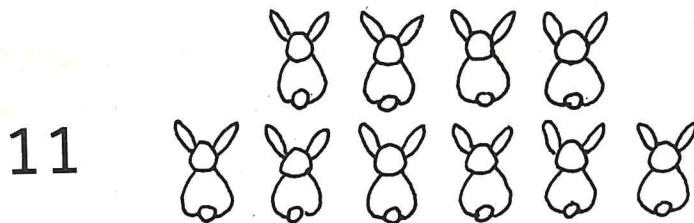


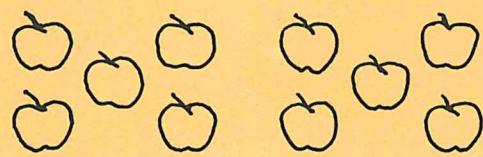
10	20	30	40	50	60	70	80	90	100

10	20	30		50	60		80	90	100
10		30	40		60	70		90	100
10	20		40	50		70	80		100

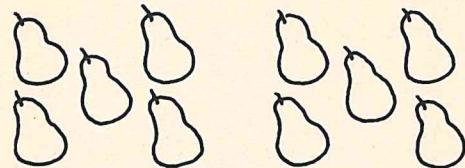




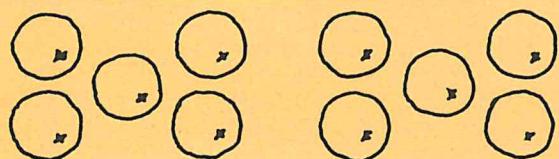




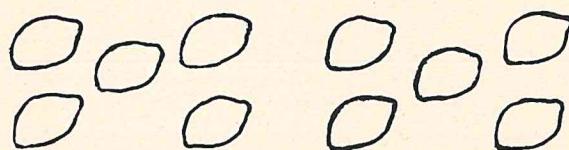
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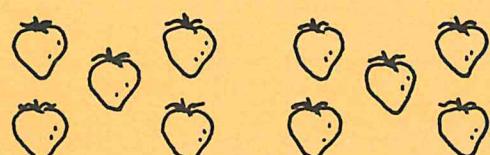
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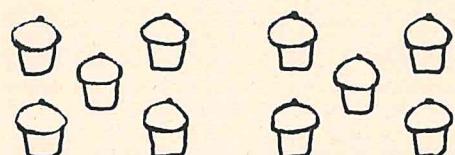
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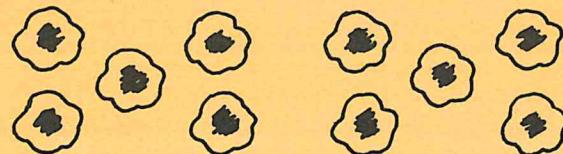
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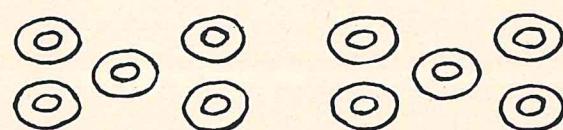
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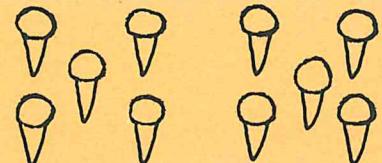
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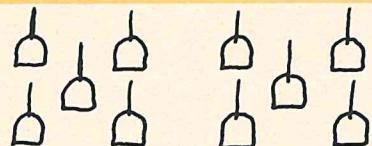
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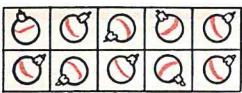
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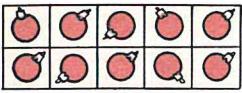
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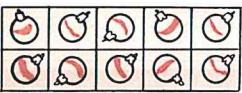
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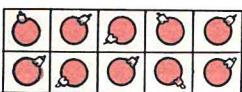
\_\_ ten and \_\_ ones = \_\_



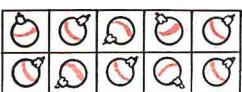
\_\_ ten and \_\_ one = \_\_



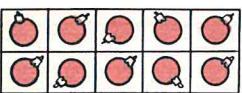
\_\_ ten and \_\_ ones = \_\_



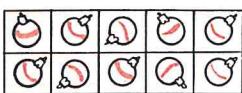
\_\_ ten and \_\_ ones = \_\_



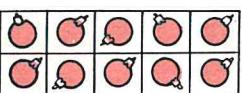
\_\_ ten and \_\_ ones = \_\_



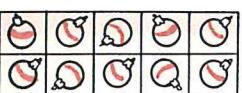
\_\_ ten and \_\_ ones = \_\_



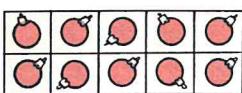
\_\_ ten and \_\_ ones = \_\_



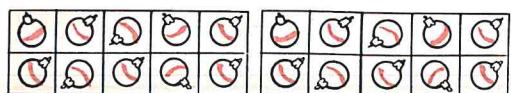
\_\_ ten and \_\_ ones = \_\_



\_\_ ten and \_\_ ones = \_\_



\_\_ ten and \_\_ ones = \_\_



\_\_ tens and \_\_ ones = \_\_

## Tens Ones

 ten and  one = \_\_\_\_\_

 tens and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

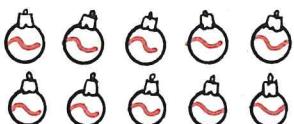
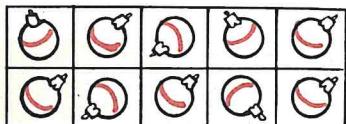
 ten and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

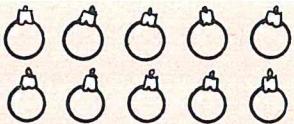
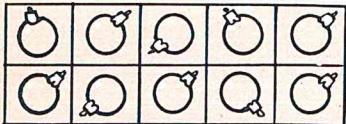
 ten and  ones = \_\_\_\_\_

 ten and  ones = \_\_\_\_\_

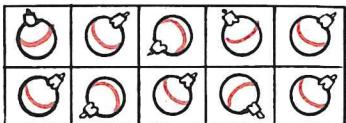
 ten and  ones = \_\_\_\_\_



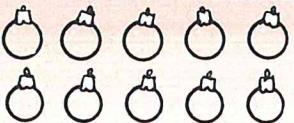
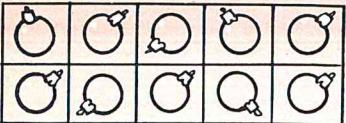
19 = \_\_\_ ten and \_\_\_ ones



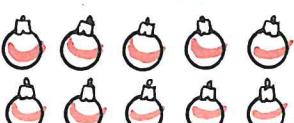
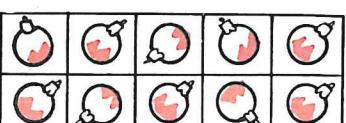
14 = \_\_\_ ten and \_\_\_ ones



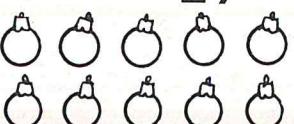
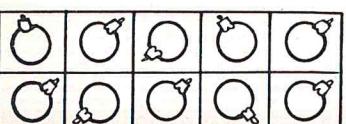
12 = \_\_\_ ten and \_\_\_ ones



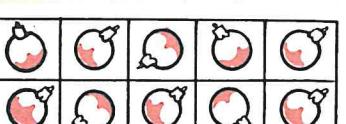
15 = \_\_\_ ten and \_\_\_ ones



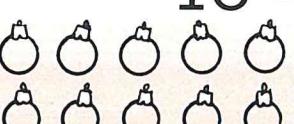
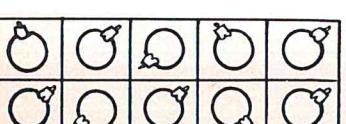
17 = \_\_\_ ten and \_\_\_ ones



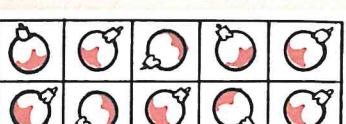
11 = \_\_\_ ten and \_\_\_ one



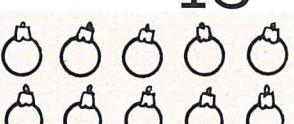
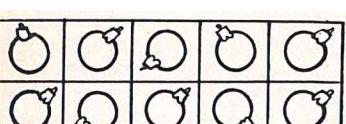
16 = \_\_\_ ten and \_\_\_ ones



18 = \_\_\_ ten and \_\_\_ ones

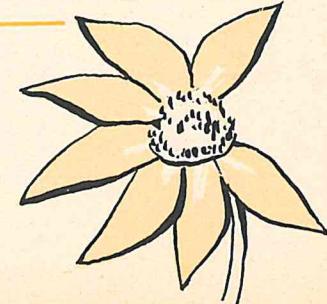
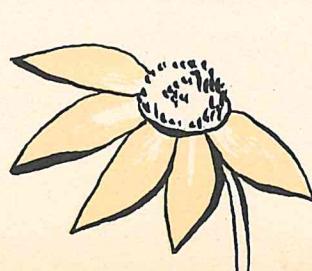
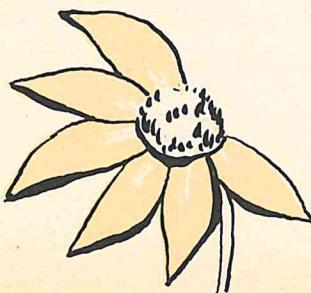
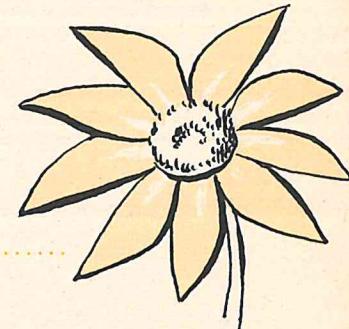
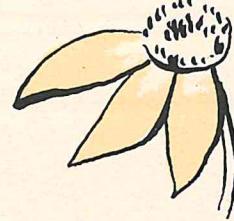
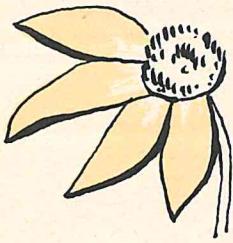


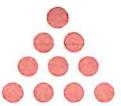
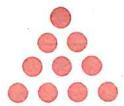
13 = \_\_\_ ten and \_\_\_ ones



20 = \_\_\_ ten and \_\_\_ ones

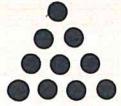
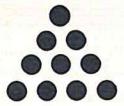
1 ten and 3 ones	9	2
1 ten and 9 ones	6	8
1 ten and 6 ones	7	3
1 ten and 1 one	5	10
1 ten and 4 ones	9	11
1 ten and 5 ones	2 4 11	13
1 ten and 2 ones	7 9 12	14
1 ten and 0 ones	5 7 18	20





tens ones

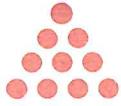
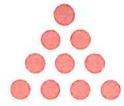
2 tens and \_\_\_ ones are 20.



•

tens ones

2 tens and \_\_\_ one are 21.



..

tens ones

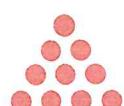
2 tens and \_\_\_ ones are 22.



...

tens ones

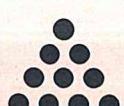
2 tens and \_\_\_ ones are 23.



::

tens ones

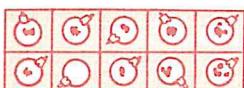
2 tens and \_\_\_ ones are 24.



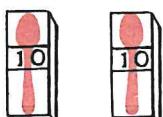
:::

tens ones

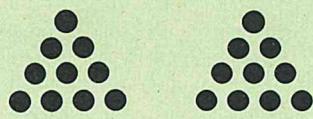
2 tens and \_\_\_ ones are 25.



$17 = \underline{\hspace{1cm}} \text{ tens and } \underline{\hspace{1cm}} \text{ ones.}$



$24 = \underline{\hspace{1cm}} \text{ tens and } \underline{\hspace{1cm}} \text{ ones.}$



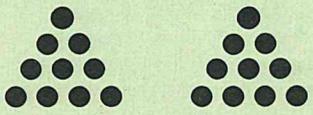
tens ones

2 tens and \_\_\_ ones are 26.



tens ones

2 tens and \_\_\_ ones are 27.



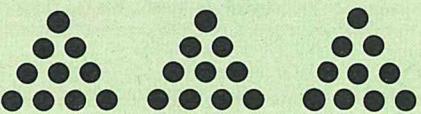
tens ones

2 tens and \_\_\_ ones are 28.



tens ones

2 tens and \_\_\_ ones are 29.



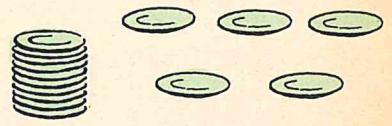
tens ones

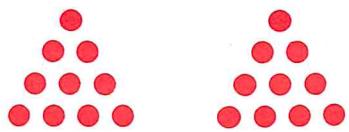
3 tens and \_\_\_ ones are 30.

\_\_\_ tens and \_\_\_ ones are 27.



\_\_\_ tens and \_\_\_ ones are 15.





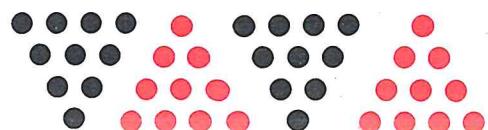
tens ones

\_\_\_ tens and \_\_\_ ones are 23.



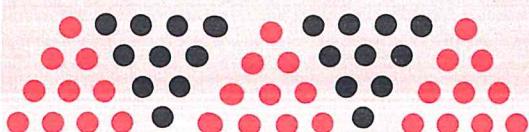
tens ones

\_\_\_ tens and \_\_\_ ones are 34.



tens ones

\_\_\_ tens and \_\_\_ ones are 45.



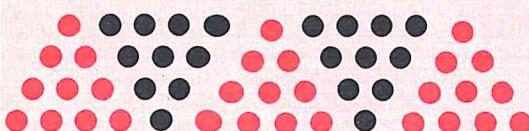
tens ones

\_\_\_ tens and \_\_\_ one are 51.



tens ones

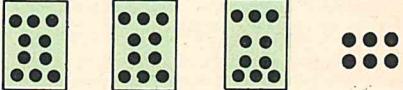
\_\_\_ tens and \_\_\_ ones are 47.



tens ones

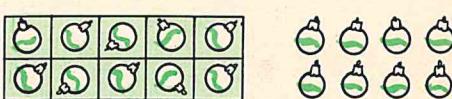
\_\_\_ tens and \_\_\_ ones are 58.

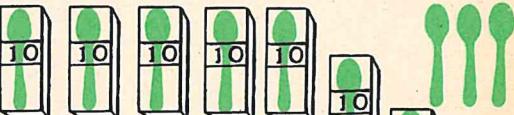
	Tens	Ones	Tens	Ones
19		2	3	
57		4	1	
33		5	5	
46		4	0	9
27		3	9	
50		1	0	
12		5	6	
40		3	1	

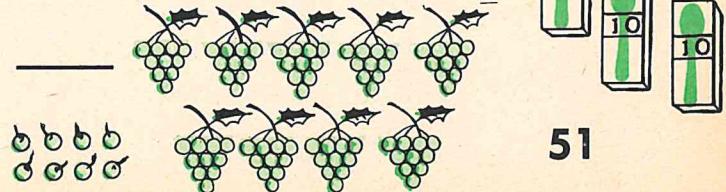
36 = \_\_\_ tens and \_\_\_ ones      

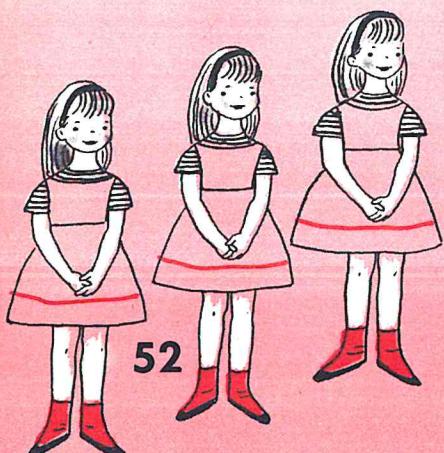
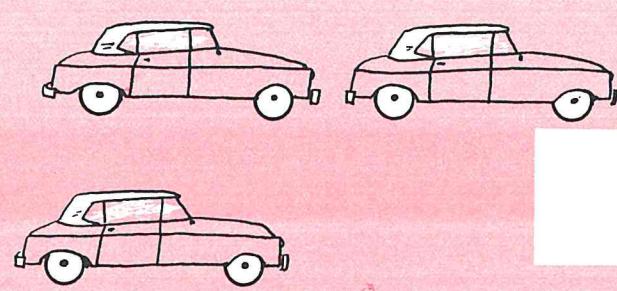
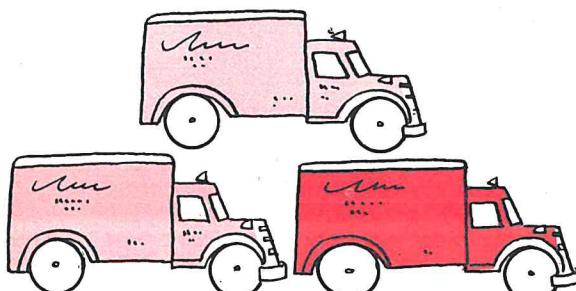
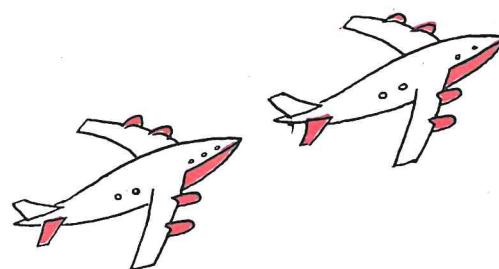
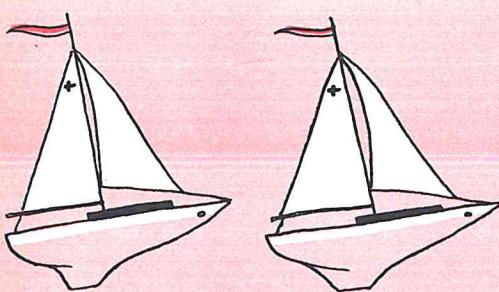
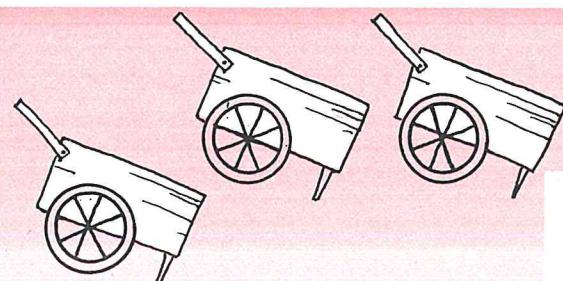
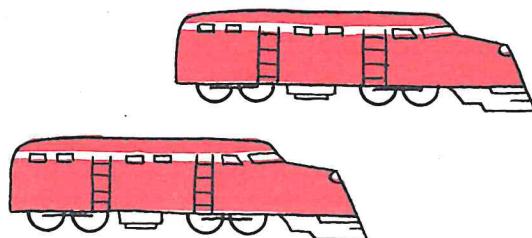
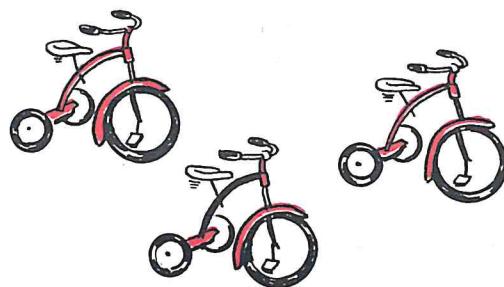
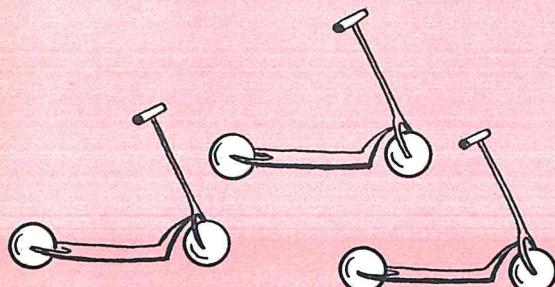
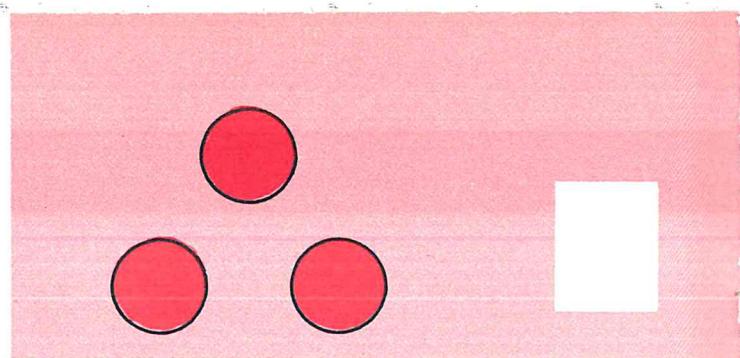
4 tens and 3 ones = \_\_\_      

5 tens and 0 ones = \_\_\_      

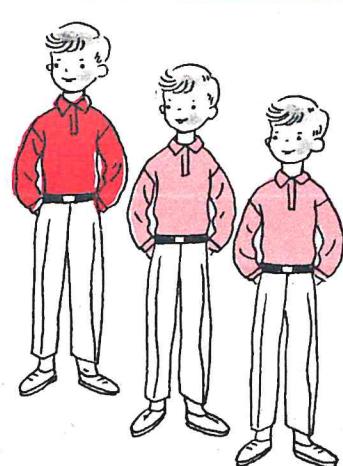
18 = \_\_\_ ten and \_\_\_ ones      

\*83 = \_\_\_ tens and \_\_\_ ones      

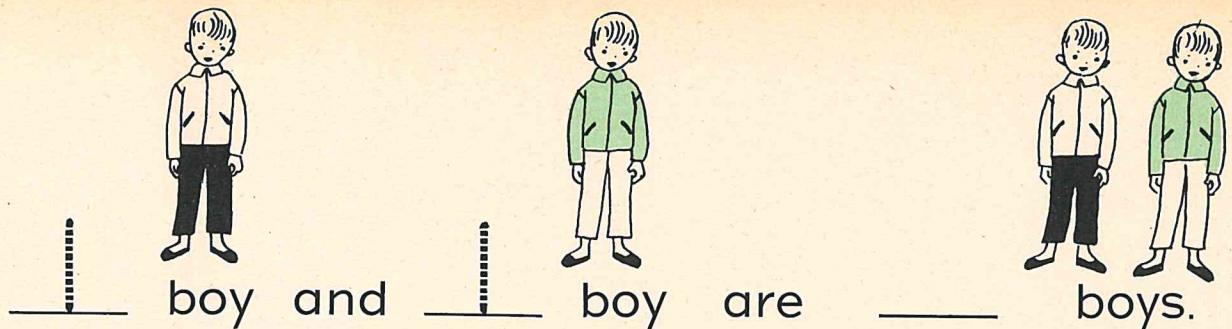
\*9 tens and 8 ones = \_\_\_      



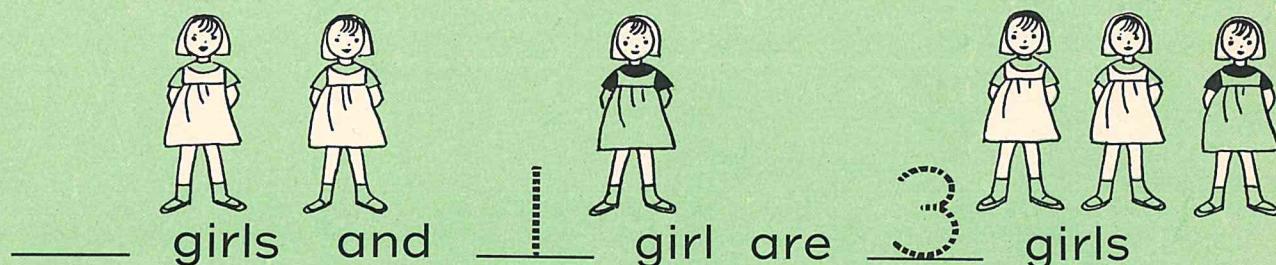
girls



boys



1 boy and \_\_\_\_ boys are 2 boys. Two 1's are \_\_\_\_.



2 girls and 1 girl are \_\_\_\_ girls.  $2 + 1 = \underline{\hspace{2cm}}$

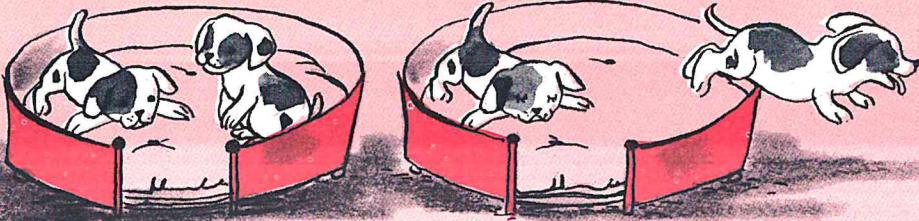


cat and 2 cats are 3 cats.  $\underline{\hspace{2cm}} + 2 = 3$

boy and 1 boy are 2 boys.  $\underline{\hspace{2cm}} + 1 = 2$

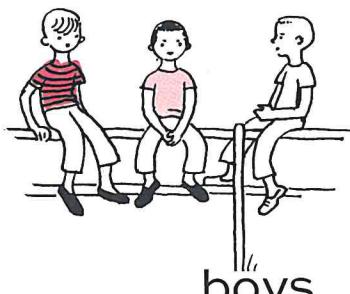
2 girls and \_\_\_\_ girl are 3 girls.  $2 + \underline{\hspace{2cm}} = 3$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

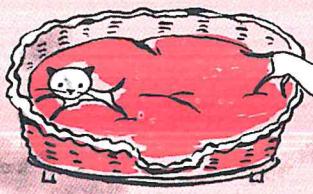


2 dogs take away    dog is    dog

2 dogs take away 1 dog is    dog.  $2 - 1 = \underline{\hspace{1cm}}$



3 boys take away    boy is 2 boys.  $3 - \underline{\hspace{1cm}} = 2$



3 cats take away    cat is    cat

   cats take away 2 cats is 1 cat.  $\underline{\hspace{1cm}} - 2 = 1$

3 cats take away    cats is 1 cat.  $3 - \underline{\hspace{1cm}} = 1$

   dogs take away 1 dog is 1 dog.  $\underline{\hspace{1cm}} - 1 = 1$

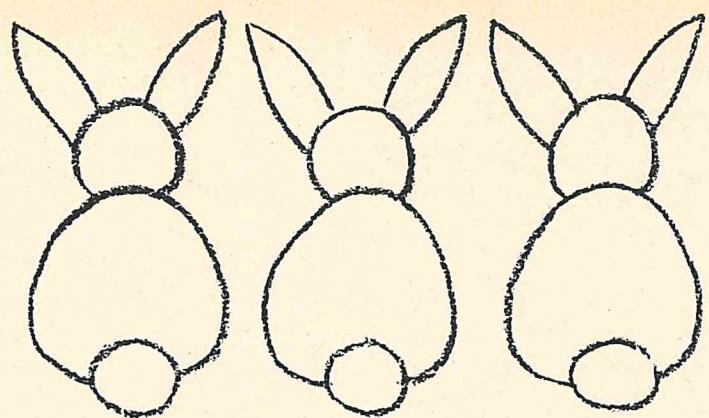
$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

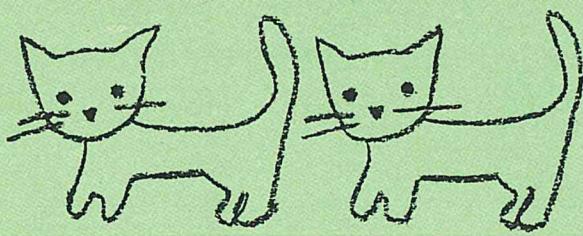
$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

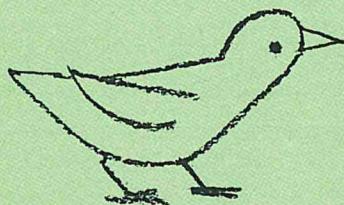
$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$



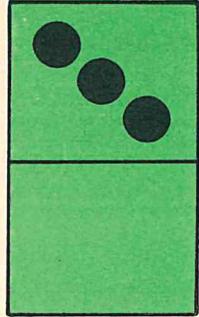
4



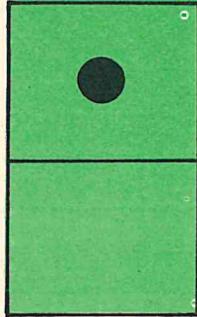
4



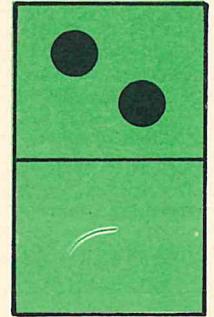
4



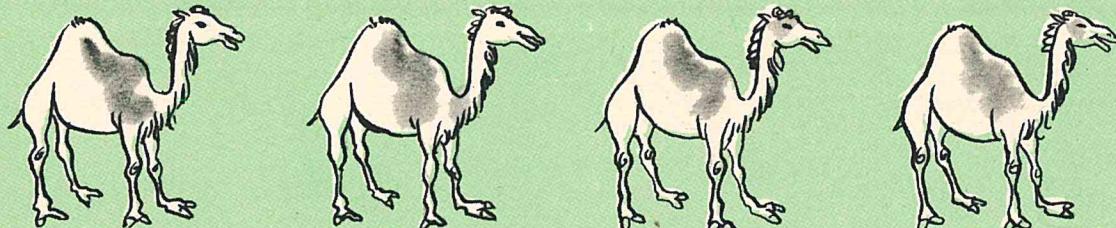
4



4



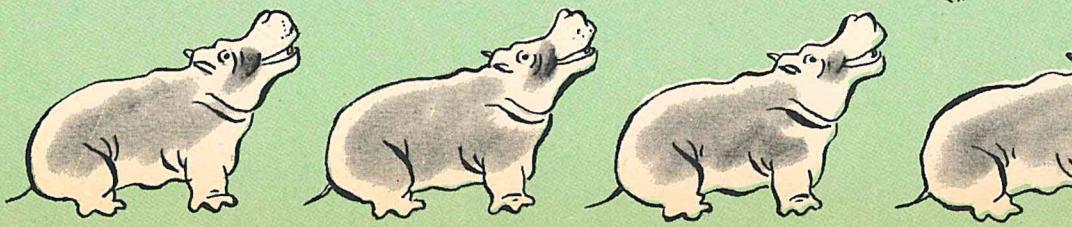
4



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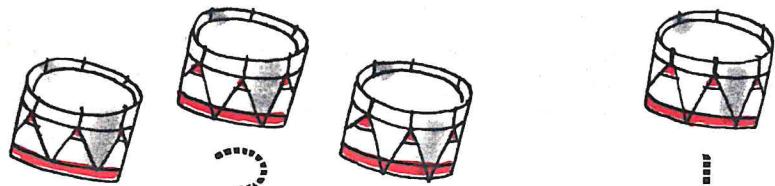


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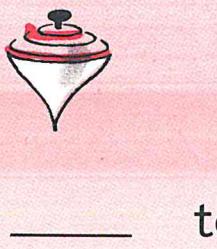
55

—



3 drums and 1 drum are \_\_\_\_ drums.

3 drums and \_\_\_\_ drums are 4 drums.  $3 + \underline{\quad} = 4$

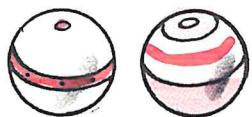
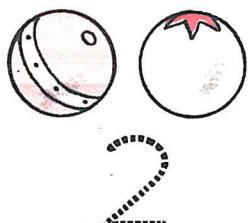


1 top and 3 tops are \_\_\_\_ tops.

4 tops.

1 top and 3 tops are \_\_\_\_ tops.

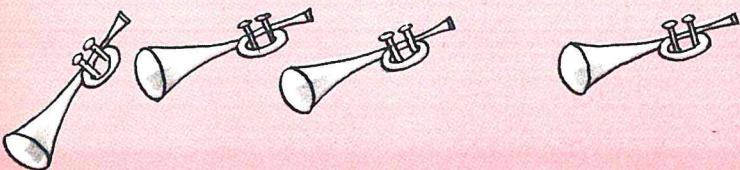
$1 + 3 = \underline{\quad}$



2 balls and 2 balls are 4 balls.

4 balls.

2 balls and 2 balls are 4 balls. Two 2's are \_\_\_\_.



3 horns and 1 horn are 4 horns.  $\underline{\quad} + 1 = 4$

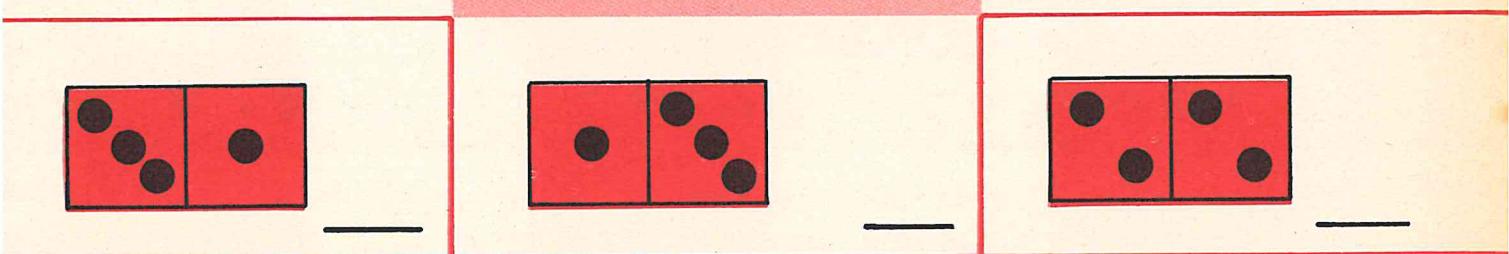
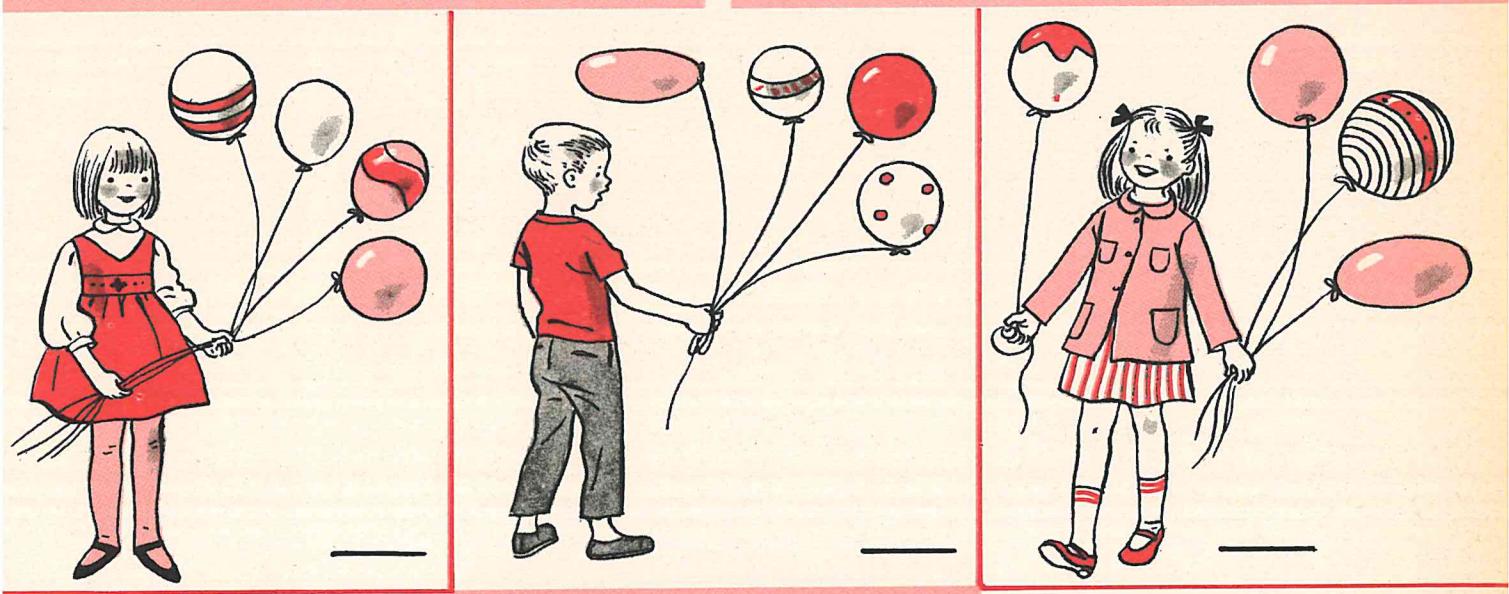
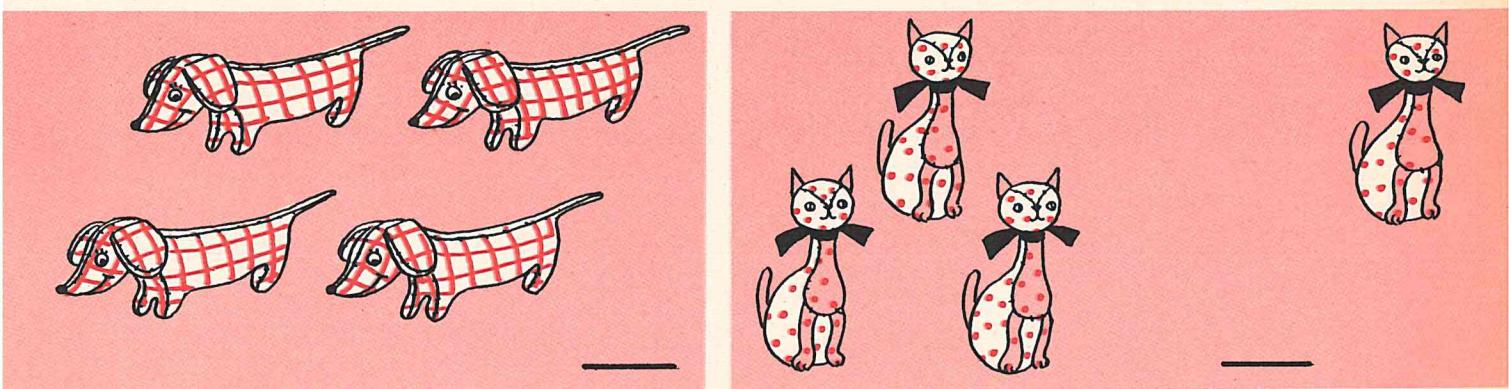
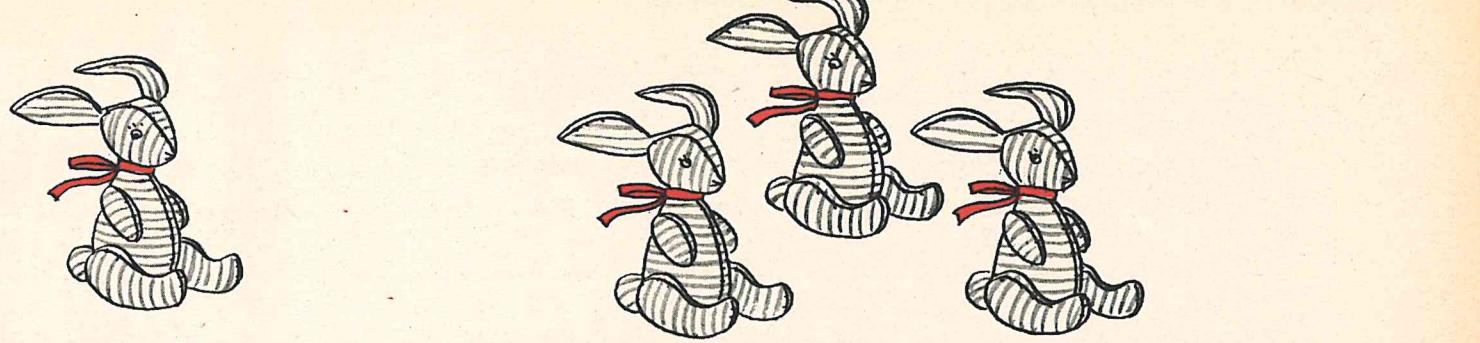
1 horn and 3 horns are 4 horns.  $1 + \underline{\quad} = 4$

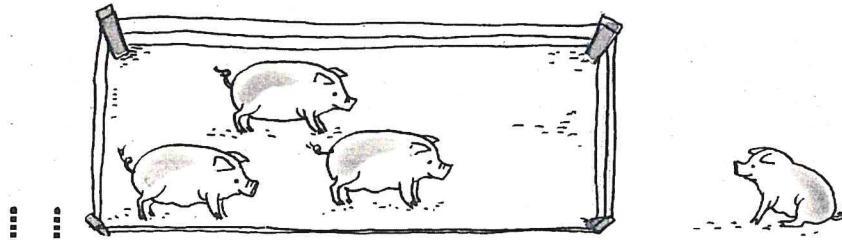
$$\begin{array}{r} 2\star\star \\ + 2\star\star \\ \hline \end{array}$$

$$\begin{array}{r} 3\star\star\star \\ + 1\star \\ \hline \end{array}$$

$$\begin{array}{r} 1\star \\ + 3\star\star\star \\ \hline \end{array}$$

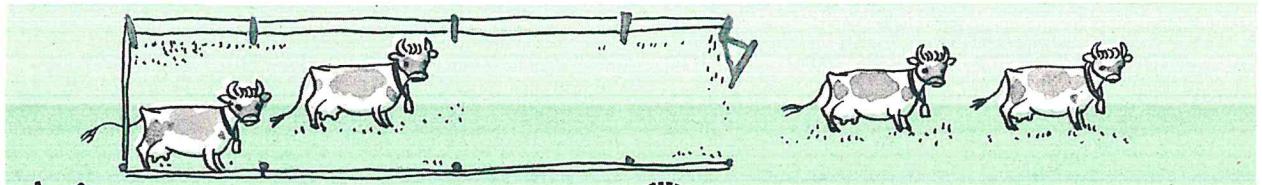
$$\begin{array}{r} 3 \\ 2 \\ + 1 \\ \hline \end{array}$$





4 pigs take away \_\_\_\_ pig is 3 pigs.

\_\_\_\_ pigs take away 1 pig is 3 pigs. \_\_\_\_ - 1 = 3



4 cows take away 2 cows is \_\_\_\_ cows.

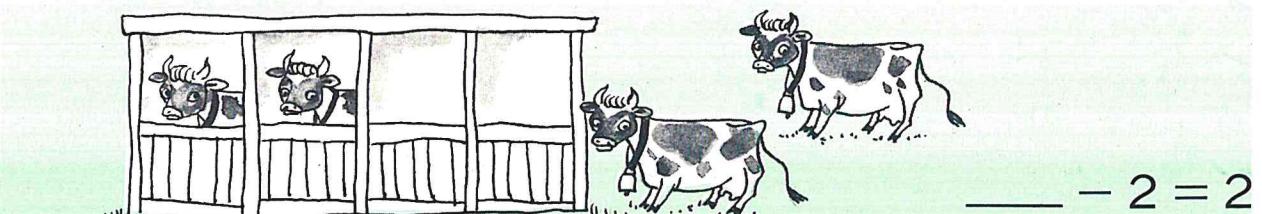
4 cows take away \_\_\_\_ cows is 2 cows. 4 - \_\_\_\_ = 2



$$4 - 3 = \underline{\quad}$$

\_\_\_\_ ducks take away 3 ducks is 1 duck.

4 ducks take away 3 ducks is \_\_\_\_ ducks.



$$\underline{\quad} - 2 = 2$$

\_\_\_\_ cows take away 2 cows is 2 cows.

4 cows take away \_\_\_\_ cows is 1 cow. 4 - \_\_\_\_ = 1

$$\begin{array}{r} 4 \\ \textcolor{green}{\cancel{3}} \textcolor{green}{\cancel{3}} \textcolor{green}{\cancel{3}} \\ - 1 \\ \hline \end{array}$$

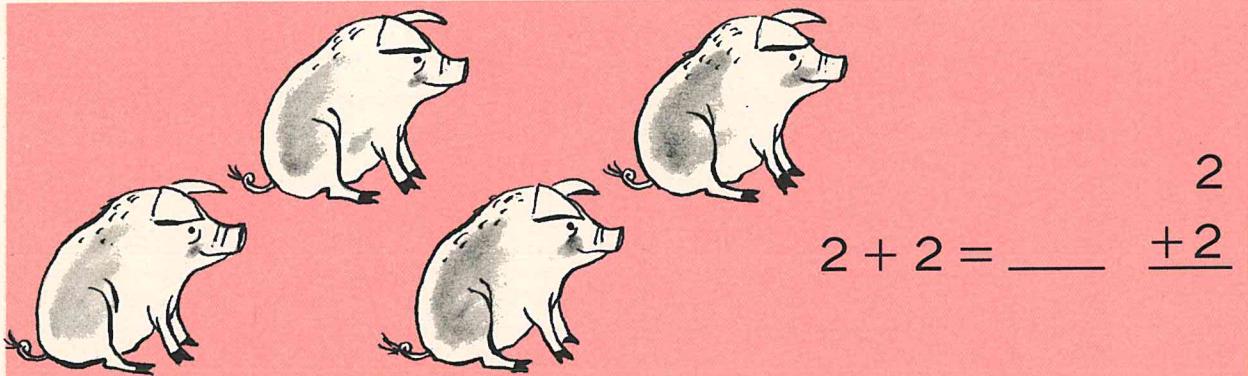
$$\begin{array}{r} 4 \\ \textcolor{black}{\cancel{2}} \textcolor{black}{\cancel{2}} \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \textcolor{green}{\cancel{3}} \textcolor{green}{\cancel{3}} \textcolor{green}{\cancel{3}} \\ - 3 \\ \hline \end{array}$$



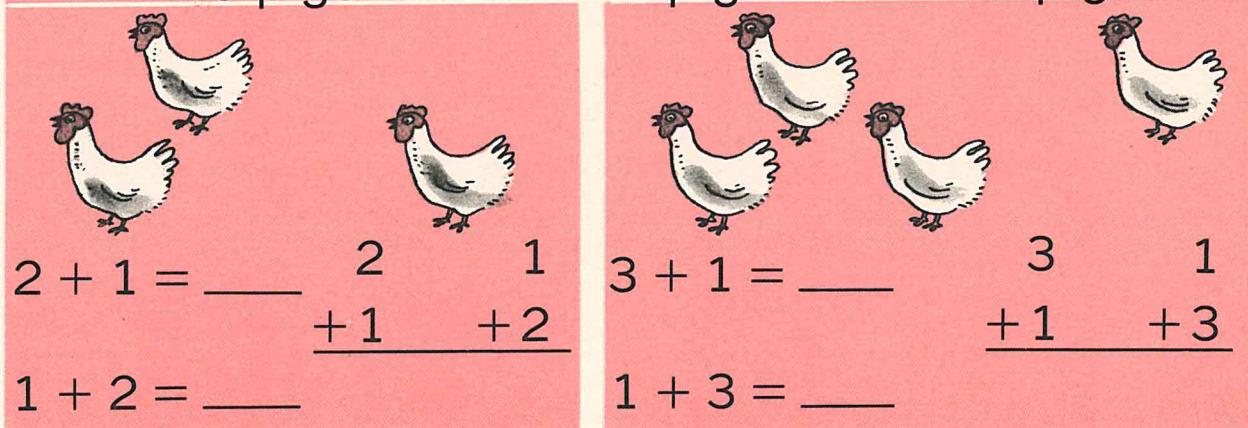
$$1 + 1 = \underline{\quad} \quad \underline{+ 1}$$

One cow and one cow are    cows.



$$2 + 2 = \underline{\quad} \quad \underline{+ 2}$$

Two pigs and two pigs are    pigs.



1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

$$2 + 1 = \underline{\quad}$$

$$1 + 1 = \underline{\quad}$$

$$3 + 1 = \underline{\quad}$$

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

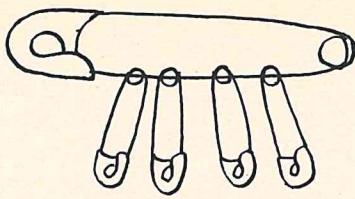
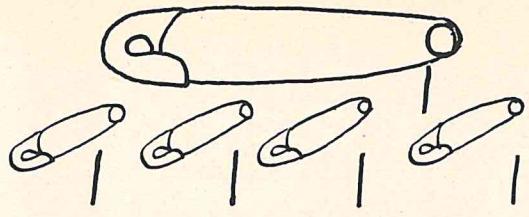
$$1 + 2 = \underline{\quad}$$

$$1 + 3 = \underline{\quad}$$

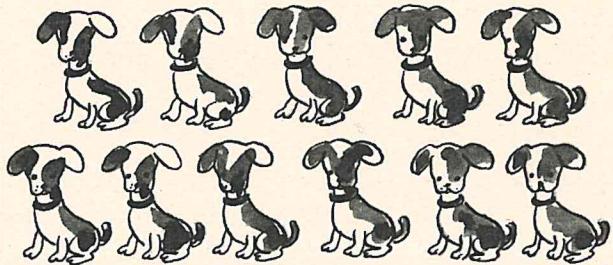
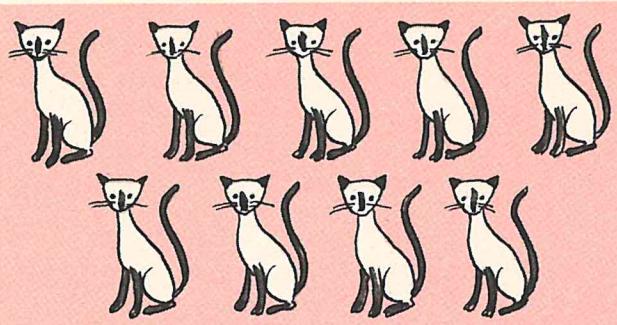
$$2 + 2 = \underline{\quad}$$

1	6	11	16	21	26	31	36	41	46
2	7	12	17	22	27	32	37	42	47
3	8	13	18	23	28	33	38	43	48
4	9	14	19	24	29	34	39	44	49
5	10	15	20	25	30	35	40	45	50





||||



cats |||| ||||

dogs |||| |||| |



|||| |||| //



|||| ||||



|||| |||| ||||



|||| |||| |||| |||

|||| |||| |||| ||||

18

|||| |||| |||| |

21

|||| |||| |||| |||| //

14

|||| |||| |||

16

1 11 21 31 41

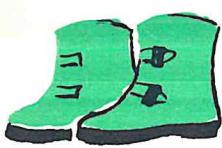
2

3 13 23 33 43

5 15 25 35 45

7 17 27 37 47

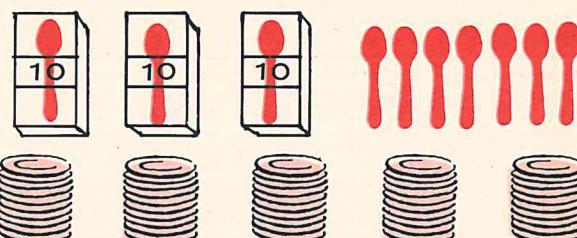
9 19 29 39 49



10 20

	Tens	Ones	Tens	Ones	
57			1	2	
40			6	8	
23			5	0	

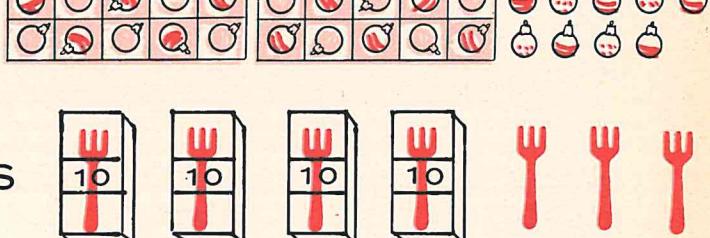
37 = \_\_\_\_ tens and \_\_\_\_ ones



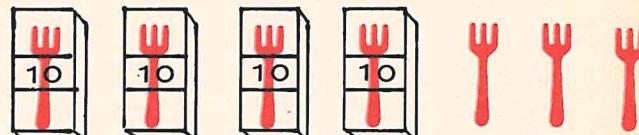
5 tens and 0 ones = \_\_\_\_\_



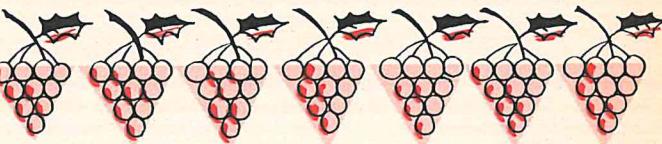
2 tens and 9 ones = \_\_\_\_\_



43 = \_\_\_\_ tens and \_\_\_\_ ones

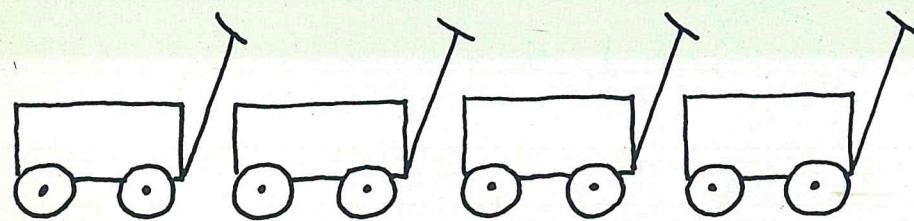


70 = \_\_\_\_ tens and \_\_\_\_ ones

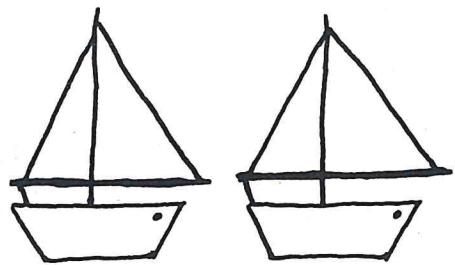


$$\begin{array}{r}
 2 & 2 & 1 \\
 +2 & +1 & +1 \\
 \hline
 4 & 3 & 2
 \end{array}
 \quad
 \begin{array}{r}
 1 & 1 & 3 \\
 +3 & +2 & +1 \\
 \hline
 4 & 3 & 4
 \end{array}$$

$$\begin{array}{r}
 4 & 3 & 2 \\
 -2 & -1 & -1 \\
 \hline
 2 & 2 & 1
 \end{array}
 \quad
 \begin{array}{r}
 4 & 3 & 2 \\
 -3 & -2 & -1 \\
 \hline
 1 & 1 & 3
 \end{array}$$



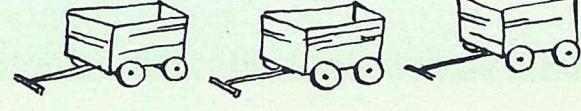
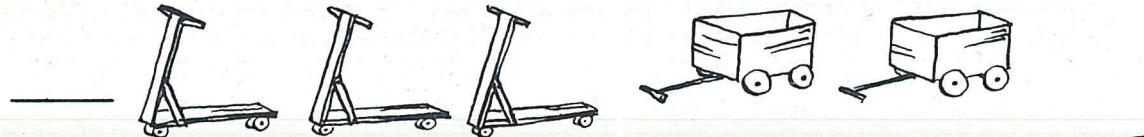
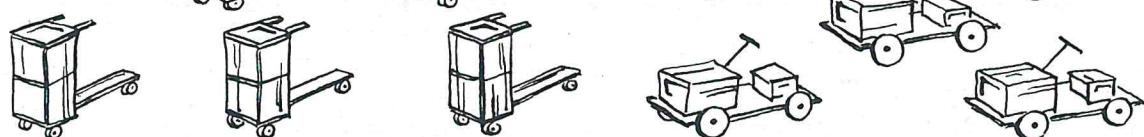
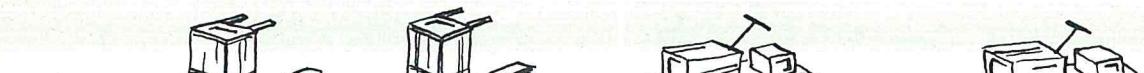
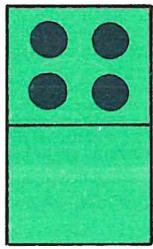
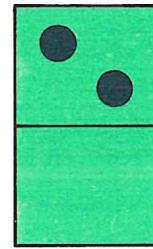
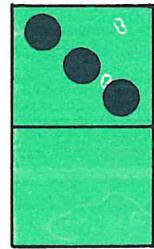
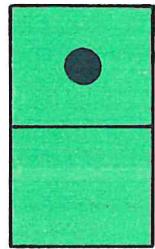
5



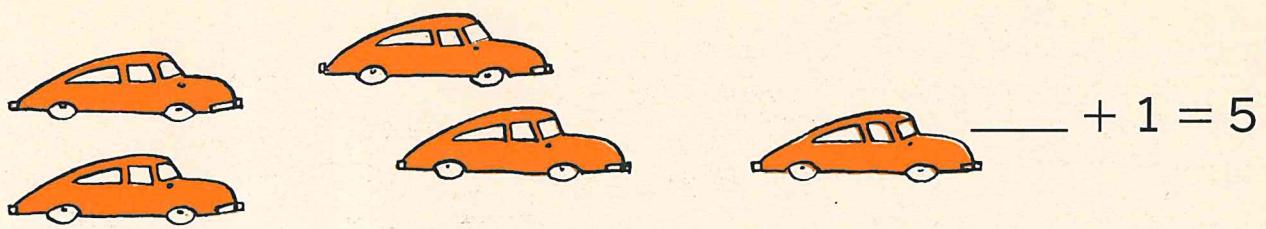
5



5

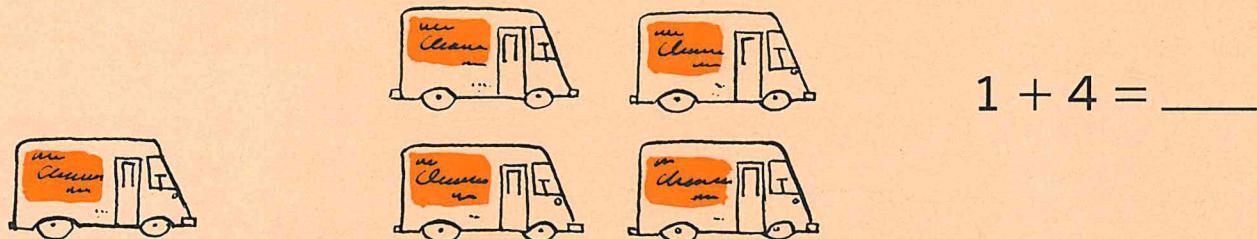


64



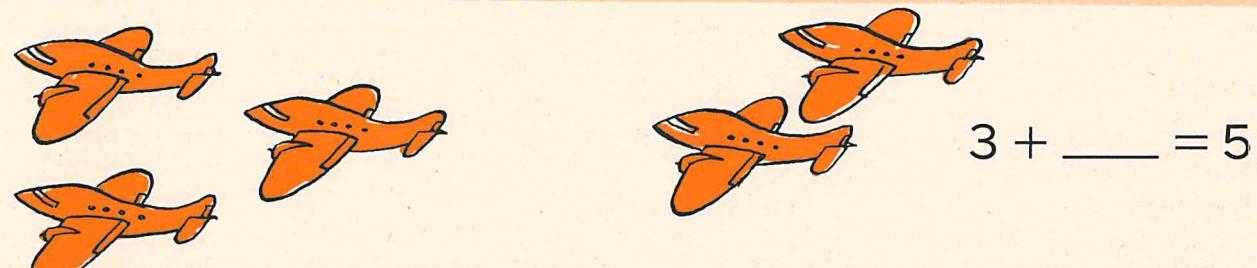
$$\underline{\quad} + 1 = 5$$

$\underline{\quad}$  cars and 1 car are 5 cars.



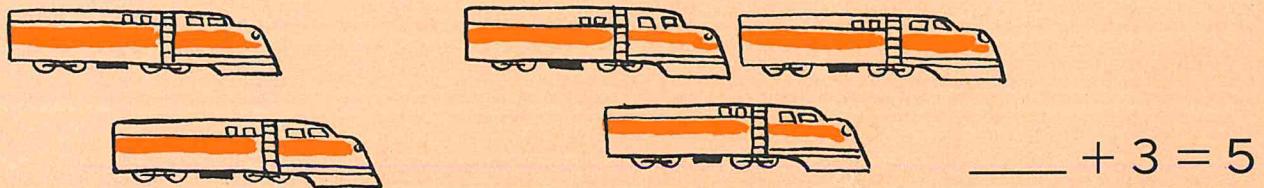
$$1 + 4 = \underline{\quad}$$

1 truck and 4 trucks are  $\underline{\quad}$  trucks.



$$3 + \underline{\quad} = 5$$

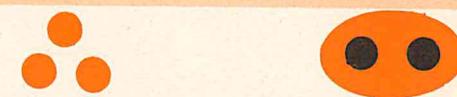
3 planes and  $\underline{\quad}$  planes are 5 planes.



$$\underline{\quad} + 3 = 5$$

$\underline{\quad}$  trains and 3 trains are 5 trains.

3 and 2 are  $\underline{\quad}$ .  $3 + 2 = \underline{\quad}$



4 and  $\underline{\quad}$  are 5.  $4 + \underline{\quad} = 5$

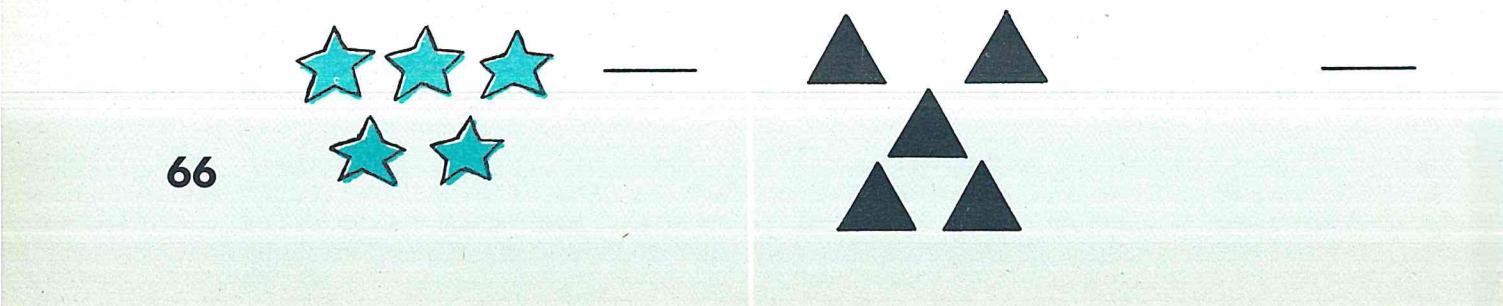
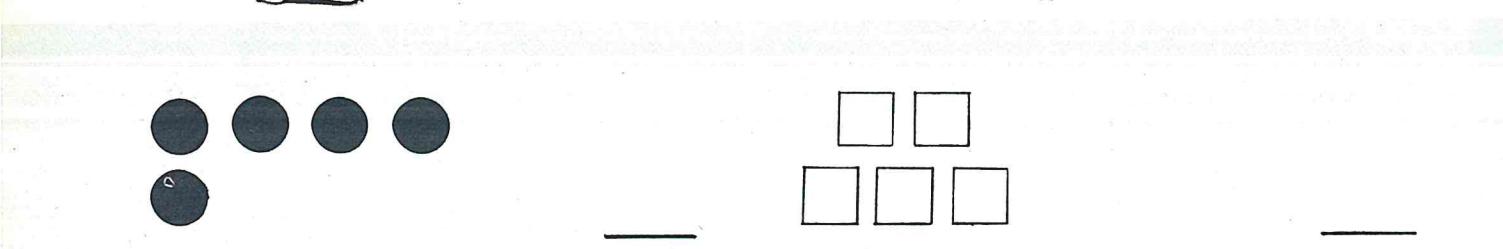
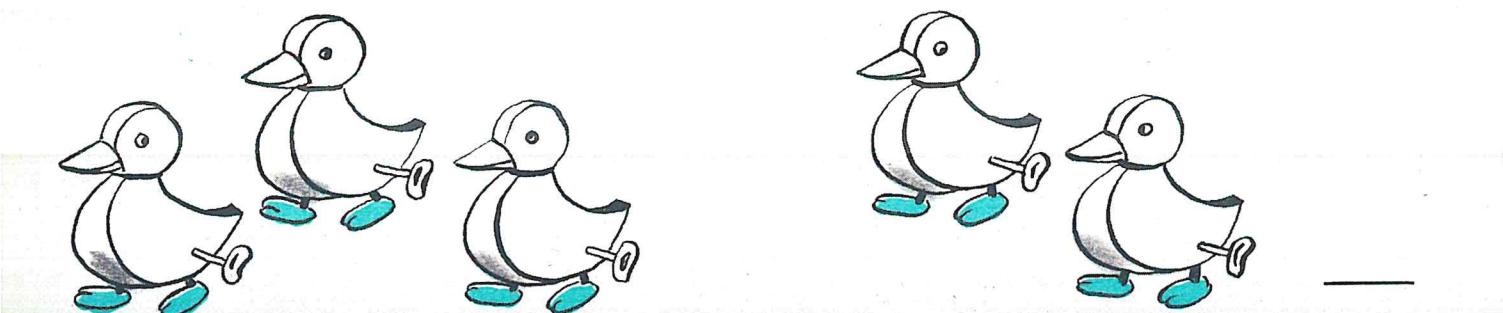
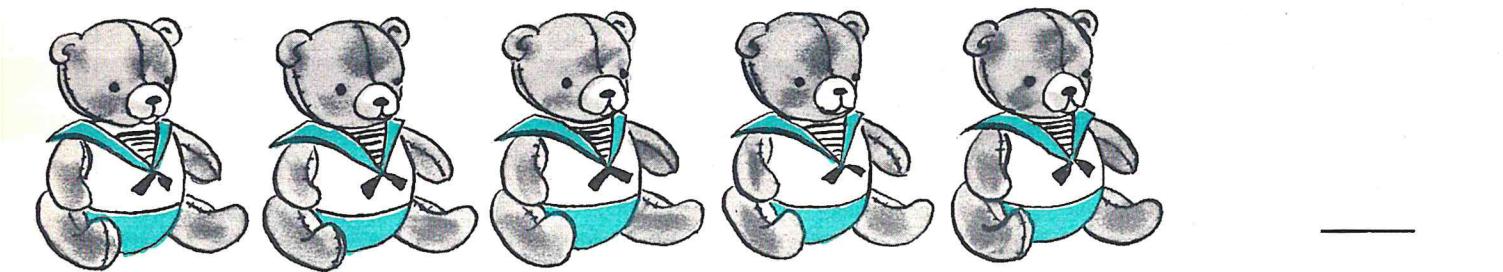
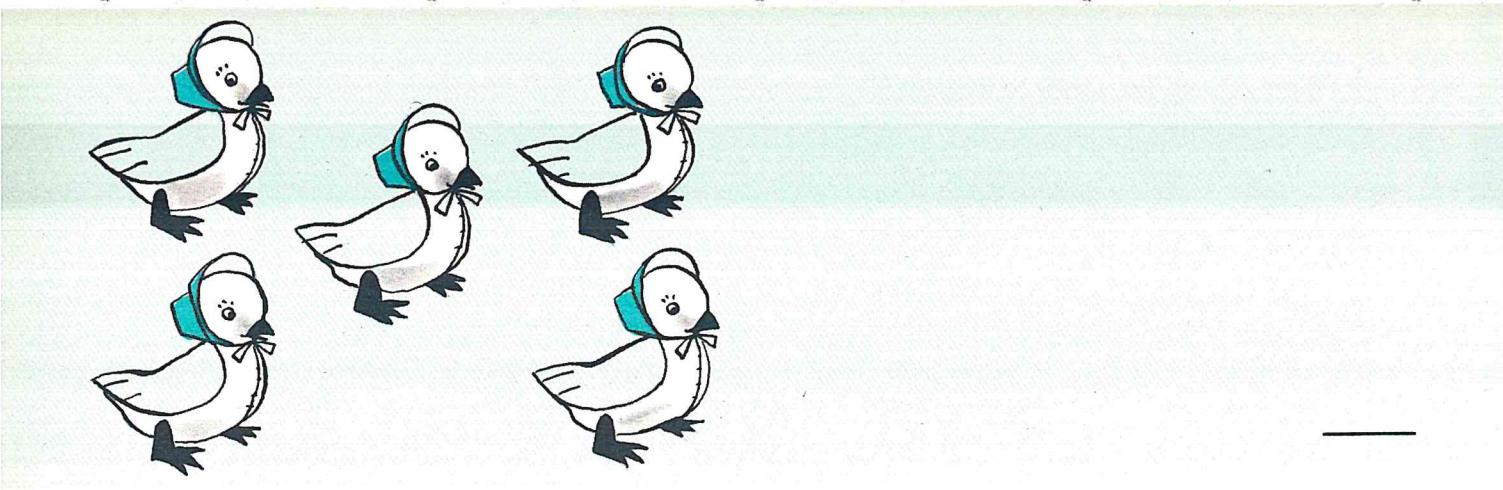


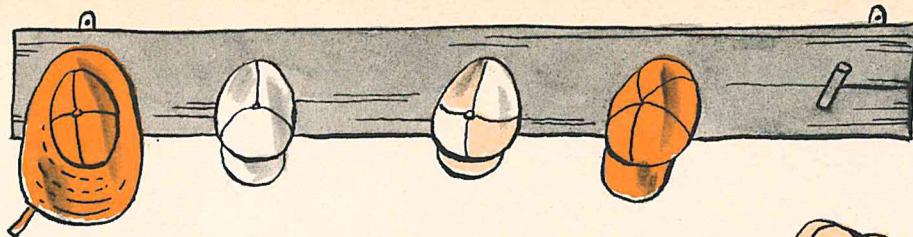
$\underline{\quad}$  and 4 are 5.  $\underline{\quad} + 4 = 5$



2 and  $\underline{\quad}$  are 5.  $2 + \underline{\quad} = 5$

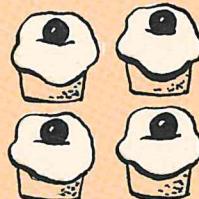
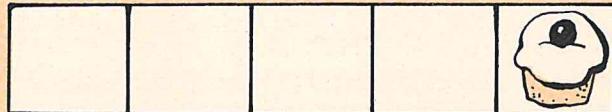






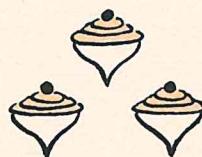
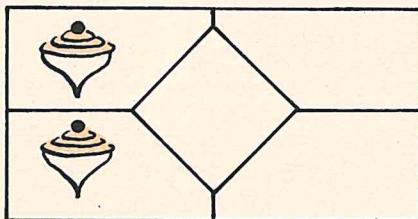
$$5 - 1 = \underline{\quad}$$

5 hats take away 1 hat is  $\underline{\quad}$  hats.



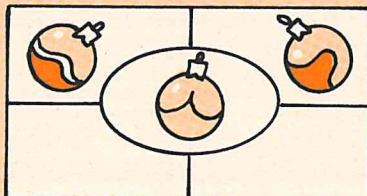
$$5 - \underline{\quad} = 1$$

5 cakes take away  $\underline{\quad}$  cakes is 1 cake.



$$\underline{\quad} - 3 = 2$$

$\underline{\quad}$  tops take away 3 tops is 2 tops.



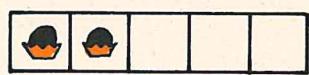
$$5 - 2 = \underline{\quad}$$

5 balls take away 2 balls is  $\underline{\quad}$  balls.

$\underline{\quad}$  take away 1 is 4.  $\underline{\quad} - 1 = 4$



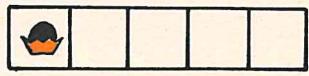
5 take away  $\underline{\quad}$  is 2.  $5 - \underline{\quad} = 2$

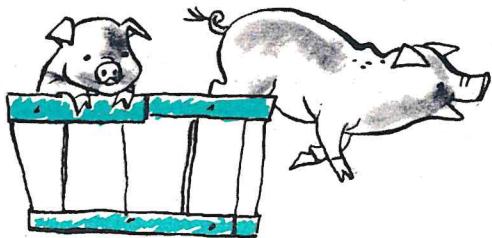


5 take away 2 is  $\underline{\quad}$ .  $5 - 2 = \underline{\quad}$



5 take away 4 is  $\underline{\quad}$ .  $5 - 4 = \underline{\quad}$

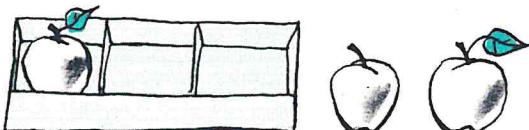




2

$$2 - 1 = \underline{\quad} \quad \underline{-1}$$

2 s take away 1 is        .



3

$$3 - 2 = \underline{\quad} \quad \underline{-2}$$

3 s take away 2 s is        s.



$$\bullet \quad 4 - 1 = \underline{\quad}$$

$$5 - 1 = \underline{\quad}$$



$$4 - 3 = \underline{\quad}$$

$$5 - 4 = \underline{\quad}$$



$$4 - 2 = \underline{\quad}$$

$$5 - 2 = \underline{\quad}$$



$$\bullet \quad 4 - \underline{\quad} = 1$$

$$5 - 3 = \underline{\quad}$$



4

4

4

5

5

5

$$\underline{-1}$$

$$\underline{-2}$$

$$\underline{-3}$$

$$\underline{-4}$$

$$\underline{-2}$$

$$\underline{-1}$$

$$\underline{-3}$$



$$4 - 3 = \underline{\quad}$$

$$5 - 1 = \underline{\quad}$$

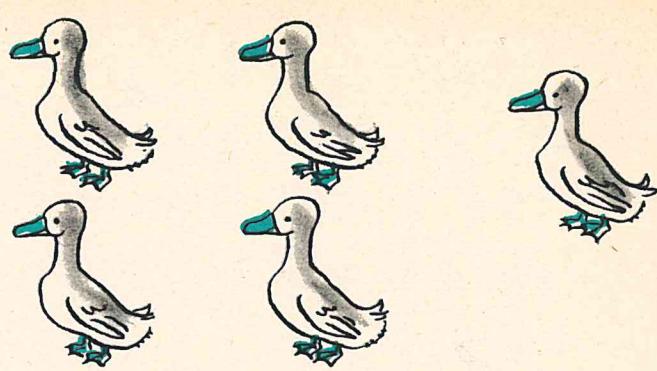
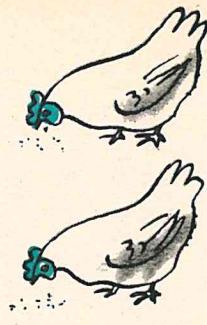
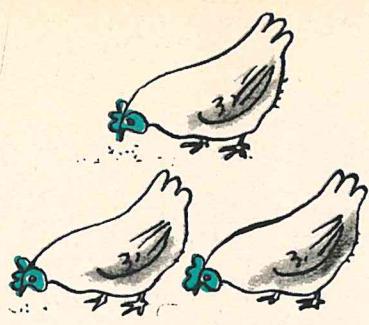
$$5 - 4 = \underline{\quad}$$



$$4 - 1 = \underline{\quad}$$

$$3 - 2 = \underline{\quad}$$

$$5 - 3 = \underline{\quad}$$

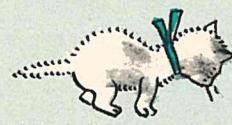
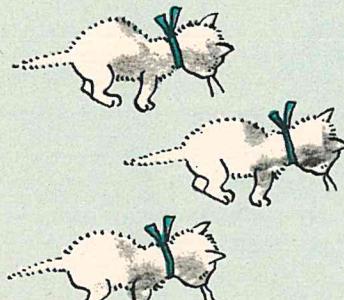


$$3 + 2 = \underline{\quad} \quad 5 - 3 = \underline{\quad}$$

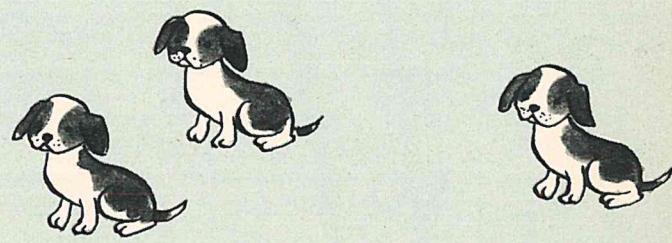
$$4 + 1 = \underline{\quad} \quad 5 - 4 = \underline{\quad}$$

$$2 + 3 = \underline{\quad} \quad 5 - 2 = \underline{\quad}$$

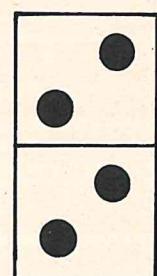
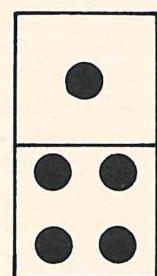
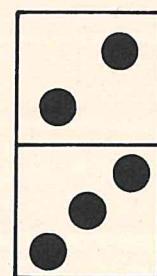
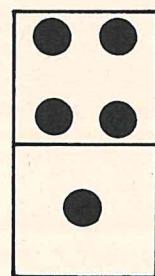
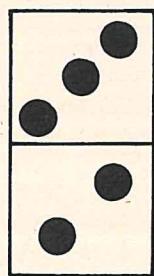
$$1 + 4 = \underline{\quad} \quad 5 - 1 = \underline{\quad}$$



$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$



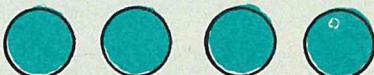
$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$





1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

\_\_\_\_ 19 \_\_\_\_ 44 \_\_\_\_ 27 \_\_\_\_  
 \_\_\_\_ 50 \_\_\_\_ 99 \_\_\_\_ 21 \_\_\_\_

4 tens and 7 ones \_\_\_\_ 8 tens and 5 ones \_\_\_\_  
 1 ten and 6 ones \_\_\_\_ 3 tens and 9 ones \_\_\_\_

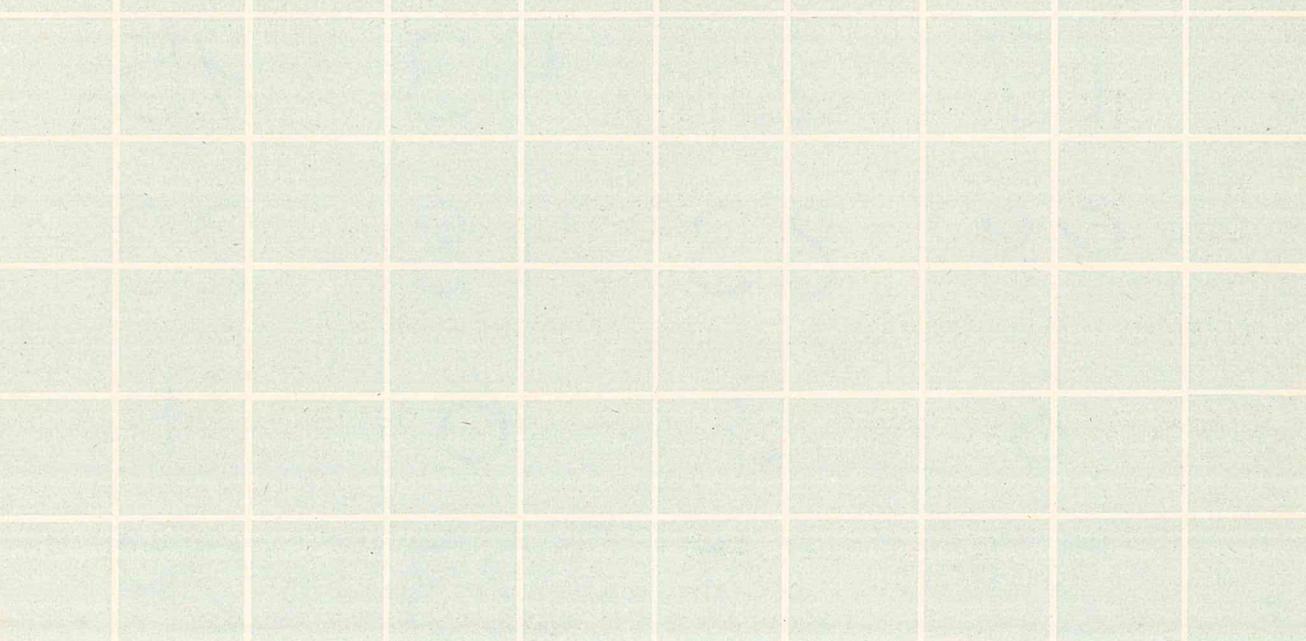
Tens	Ones	Tens	Ones
2	7	8	2
9	3	6	4

26	25	27	37	35	36
----	----	----	----	----	----

49	50	48	97	96	98
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| 2

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10 20 30 40 50 60 70 80 90 100

1	14	16	19	12
2	35	32	37	34
3	74	77	75	71
4	19	21	43	95
5	98	83	18	23
6	8	3	6	4
7	21	27	23	29
8	47	44	43	46
9	83	86	87	84
10	53	64	71	28

 100 \_\_\_\_\_

 200 \_\_\_\_\_

 300 \_\_\_\_\_

 400 \_\_\_\_\_

 500 \_\_\_\_\_

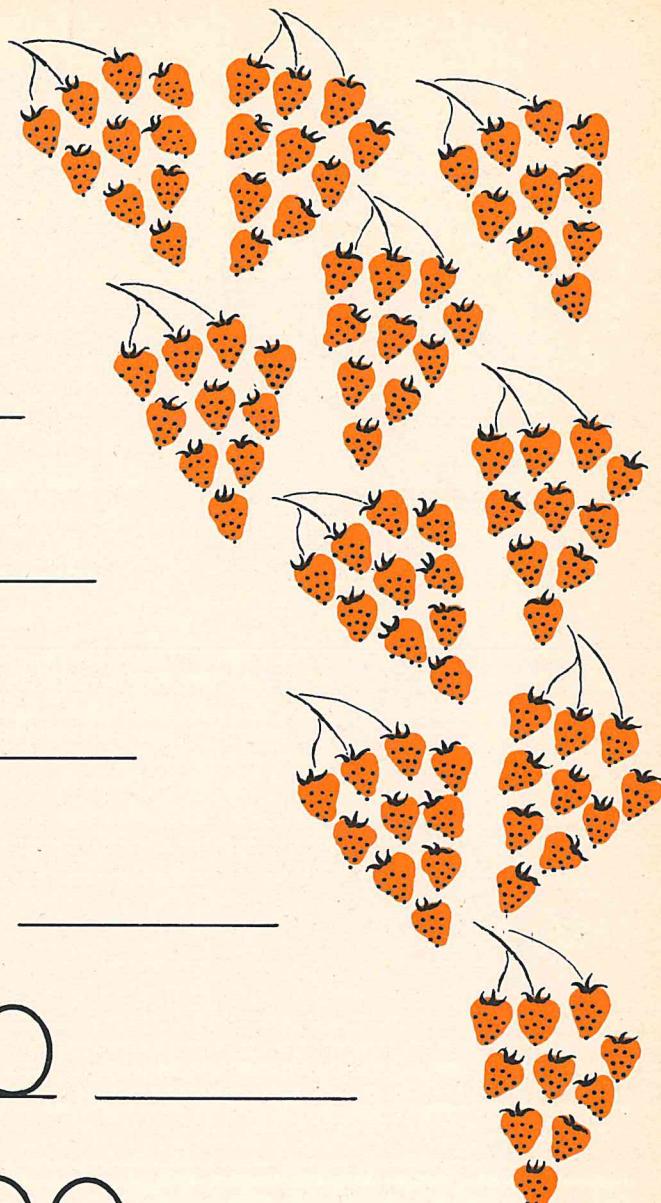
 600 \_\_\_\_\_

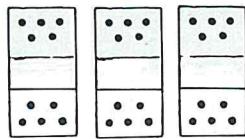
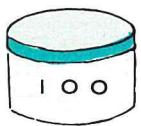
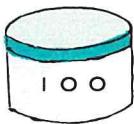
 700 \_\_\_\_\_

 800 \_\_\_\_\_

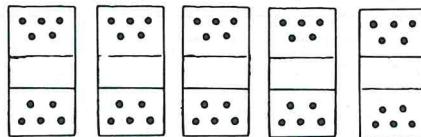
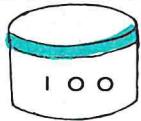
 900 \_\_\_\_\_

 1000 \_\_\_\_\_

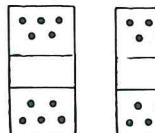
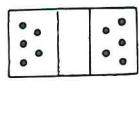
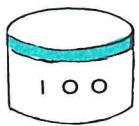
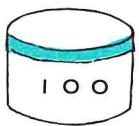
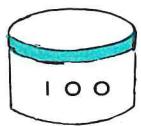




\_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones. \_\_\_\_\_



\_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones. \_\_\_\_\_



\_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones. \_\_\_\_\_

281 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

230 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

537 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

hundreds      tens      ones

3      4      1

hundreds      tens      ones

468

5      3      8

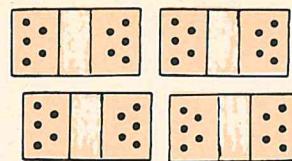
295

4      2      0

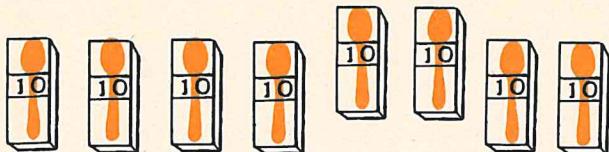
641

9      7      6

370



\_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones. \_\_\_\_\_



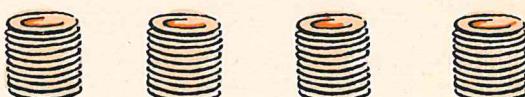
\_\_\_\_ tens and \_\_\_\_ ones \_\_\_\_\_

681 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

890 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

207 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

39 is \_\_\_\_ tens and \_\_\_\_ ones.



4 tens and 0 ones is \_\_\_\_\_. \_\_\_\_\_



7 tens and 3 ones is \_\_\_\_\_. \_\_\_\_\_



... .

67 is \_\_\_\_ tens and \_\_\_\_ ones.

tens ones

407

27

322

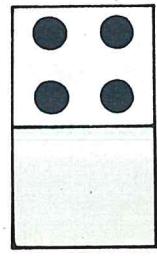
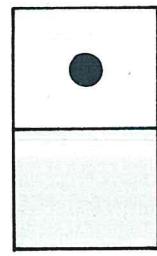
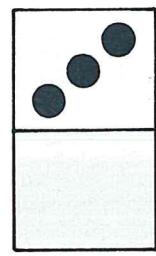
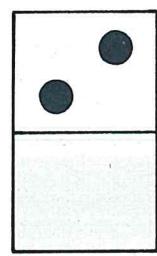
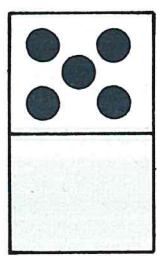
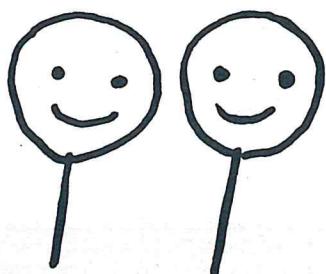
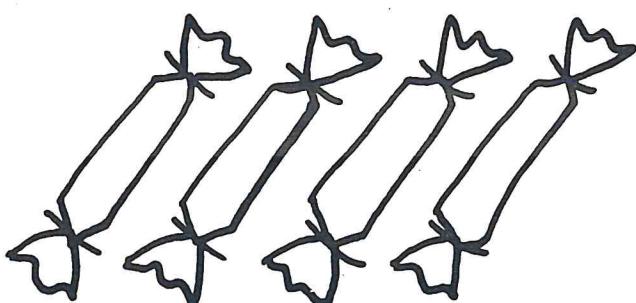
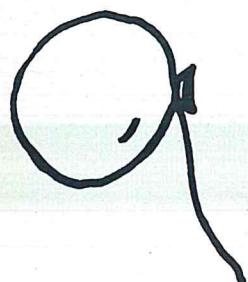
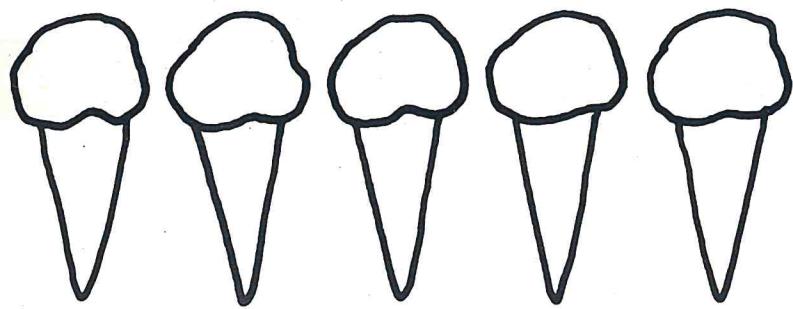
99

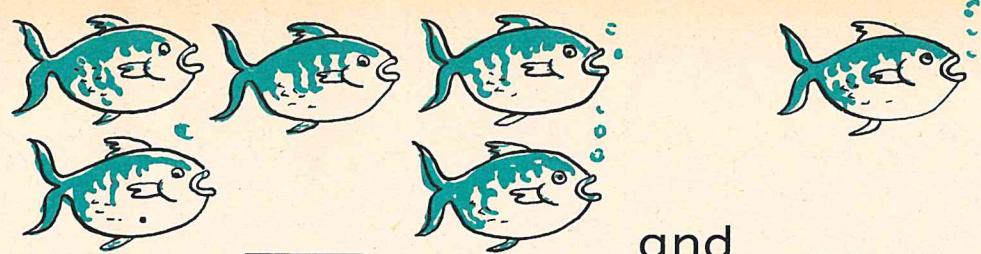
967

30

590

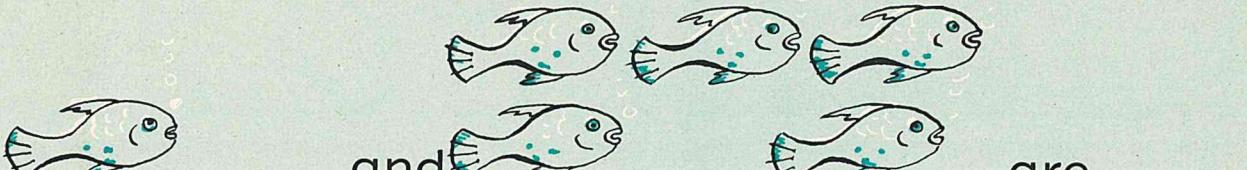
75





— and — are —

5 fish and — fish are 6 fish.  $5 + \underline{\quad} = 6$



— and — are —

— fish and 5 fish are 6 fish.  $\underline{\quad} + 5 = 6$



— and — are —

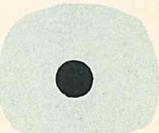
4 ducks and 2 ducks are — ducks.  $4 + 2 = \underline{\quad}$



— and — are —

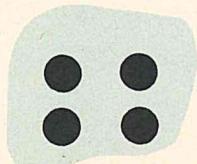
2 frogs and — frogs are 6 frogs.  $2 + \underline{\quad} = 6$

5 and 1 are —.  $5 + 1 = \underline{\quad}$

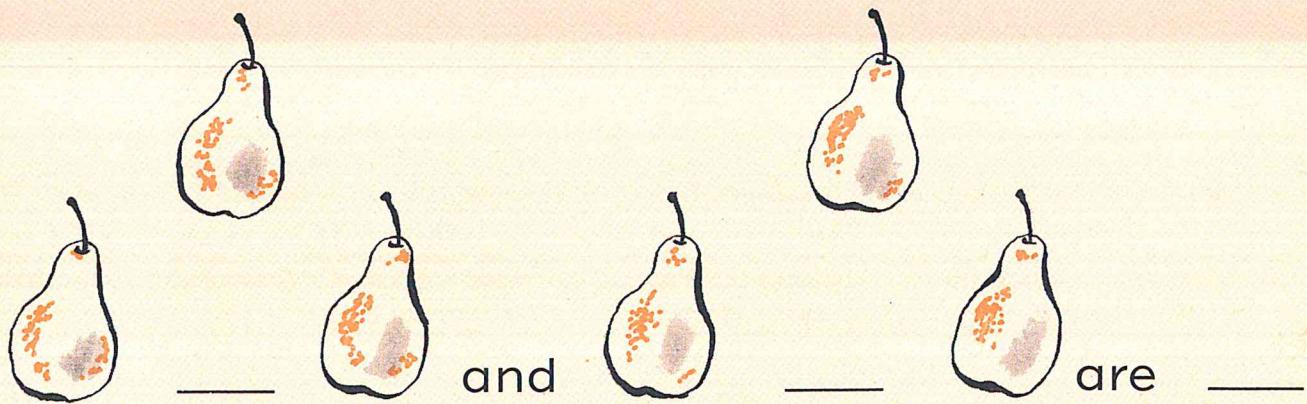


— and 2 are 6.  $\underline{\quad} + 2 = 6$

1 and — are 6.  $1 + \underline{\quad} = 6$



2 and 4 are —.  $2 + 4 = \underline{\quad}$



Two 3's are \_\_\_\_\_.

\_\_\_\_\_ pears and 3 pears are 6 pears.

$$\begin{array}{r} 1 \bullet \\ + 5 \bullet \bullet \bullet \bullet \bullet \\ \hline \end{array}$$

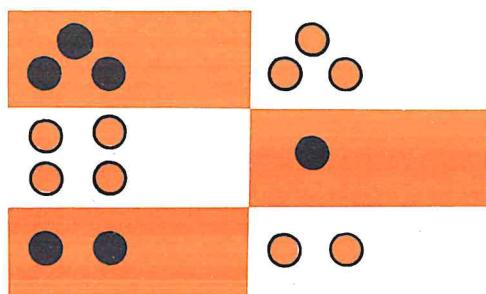
$$\begin{array}{r} 5 \bullet \bullet \bullet \bullet \bullet \\ + 1 \bullet \\ \hline \end{array}$$

$$\begin{array}{r} 4 \bullet \bullet \bullet \bullet \\ + 2 \bullet \bullet \\ \hline \end{array}$$

$$\begin{array}{r} 2 \bullet \bullet \\ + 4 \bullet \bullet \bullet \bullet \\ \hline \end{array}$$

$$\begin{array}{r} 3 \bullet \bullet \bullet \\ + 3 \bullet \bullet \bullet \\ \hline \end{array}$$

$$\begin{array}{r} 3 \bullet \bullet \bullet \\ + 2 \bullet \bullet \\ \hline \end{array}$$

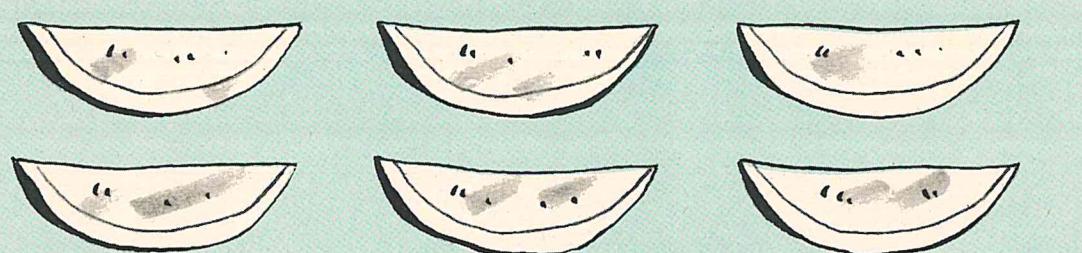
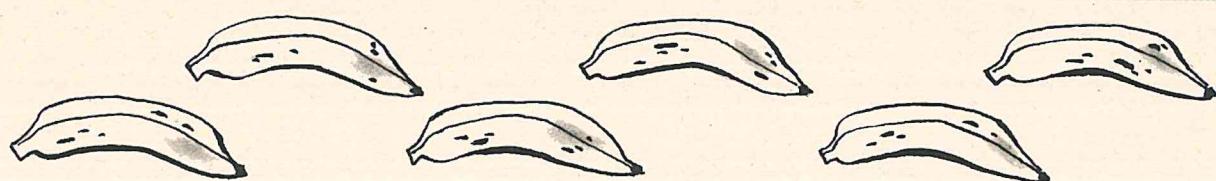
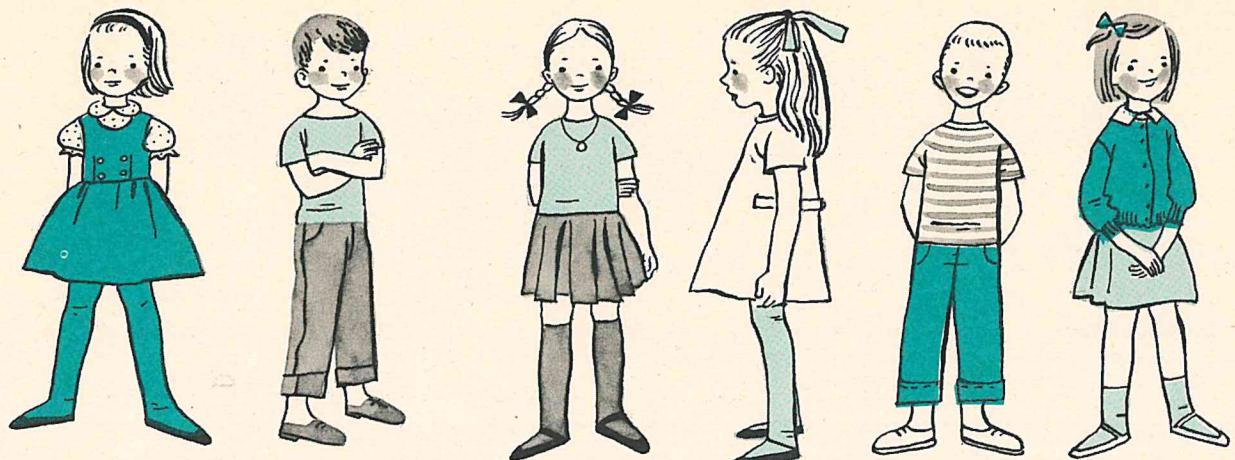


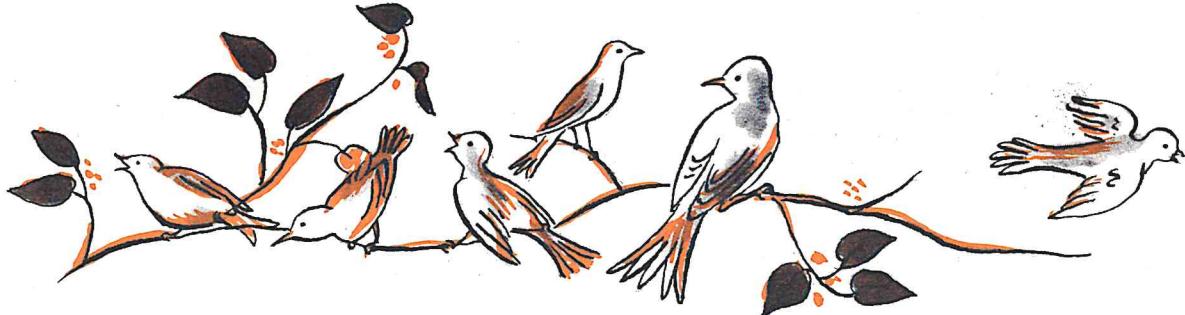
3 and \_\_\_\_\_ are 6.  $3 + \underline{\hspace{1cm}} = 6$

\_\_\_\_\_ and 1 are 5.  $\underline{\hspace{1cm}} + 1 = 5$

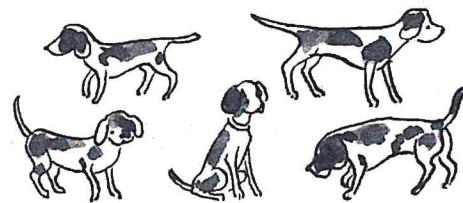
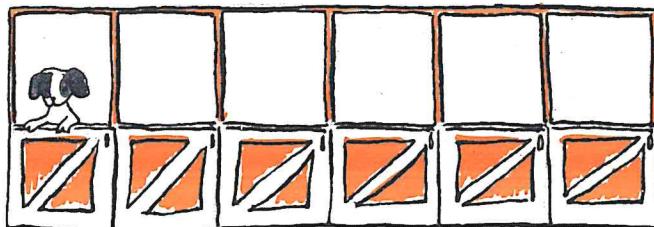
2 and 2 are \_\_\_\_\_.  $2 + 2 = \underline{\hspace{1cm}}$

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

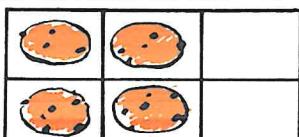




6 birds take away \_\_\_\_ bird is 5 birds.  $6 - \underline{\quad} = 5$

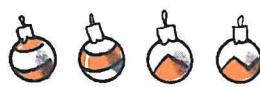


6 dogs take away 5 dogs is \_\_\_\_ dogs.  $6 - 5 = \underline{\quad}$



$\underline{\quad} - 2 = 4$

\_\_\_\_ cakes take away 2 cakes is 4 cakes.



$6 - 4 = \underline{\quad}$

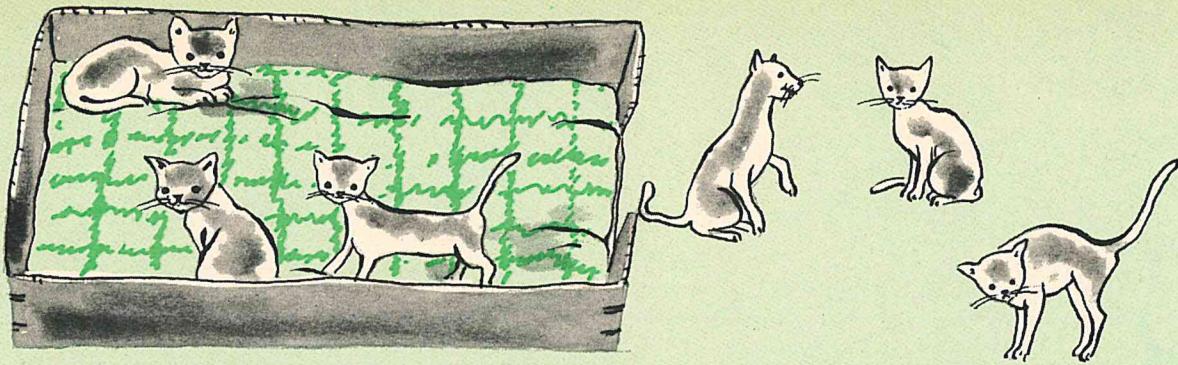
6 balls take away 4 is \_\_\_\_ balls.

\_\_\_\_ take away 1 is 5.  $\underline{\quad} - 1 = 5$

6 take away \_\_\_\_ is 1.  $6 - \underline{\quad} = 1$

6 take away 2 is \_\_\_\_ .  $6 - 2 = \underline{\quad}$

6 take away \_\_\_\_ is 2.  $6 - \underline{\quad} = 2$

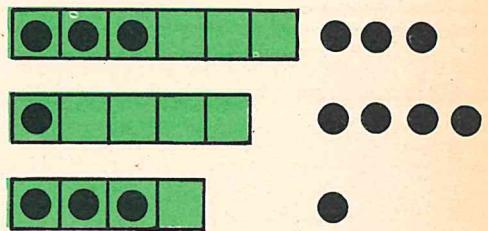


6 cats take away 3 cats is \_\_\_\_ cats.  $6 - 3 = \underline{\hspace{1cm}}$

6	6	6	6	6	6
$\underline{-1}$	$\underline{-4}$	$\underline{-2}$	$\underline{-3}$	$\underline{-5}$	

5	5	5	5	
$\underline{-1}$	$\underline{-4}$	$\underline{-2}$	$\underline{-3}$	

\_\_\_\_ take away 3 is 3.  $\underline{\hspace{1cm}} - 3 = 3$



5 take away 4 is \_\_\_\_ .  $5 - 4 = \underline{\hspace{1cm}}$

4 take away \_\_\_\_ is 3.  $4 - \underline{\hspace{1cm}} = 3$

6	5	6	6	5	6	6
$\underline{-4}$	$\underline{-3}$	$\underline{-2}$	$\underline{-1}$	$\underline{-1}$	$\underline{-5}$	$\underline{-3}$

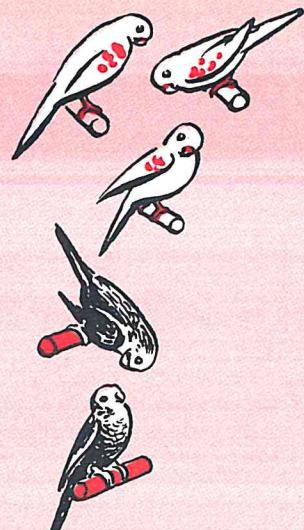


$1 + 4 = \underline{\quad}$

$4 + 1 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$5 - 4 = \underline{\quad}$



$3 + 2 = \underline{\quad}$

$2 + 3 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

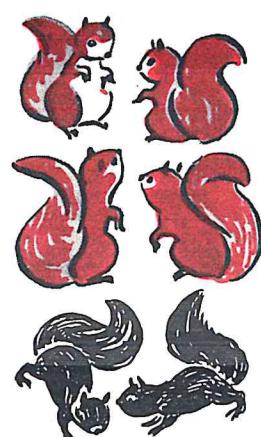


$5 + 1 = \underline{\quad}$

$1 + 5 = \underline{\quad}$

$6 - 1 = \underline{\quad}$

$6 - 5 = \underline{\quad}$

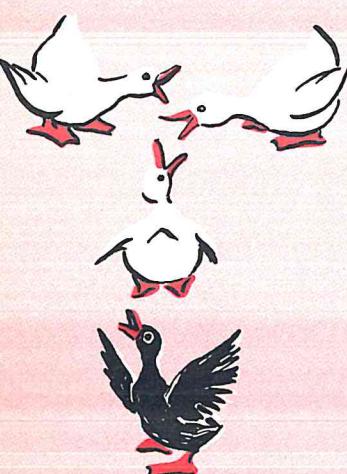


$2 + 4 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$6 - 4 = \underline{\quad}$



$1 + 3 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$4 - 1 = \underline{\quad}$

$4 - 3 = \underline{\quad}$

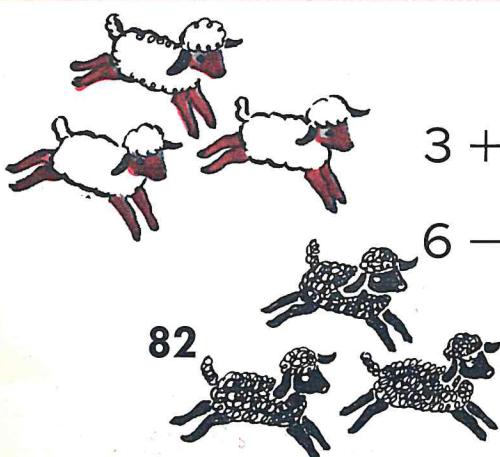


$2 + 1 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

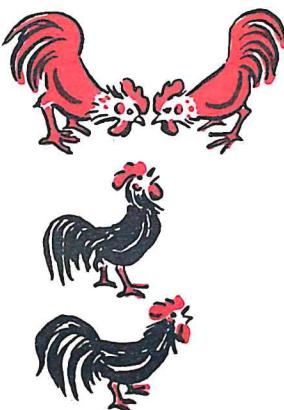
$3 - 1 = \underline{\quad}$

$3 - 2 = \underline{\quad}$



$3 + 3 = \underline{\quad}$

$6 - 3 = \underline{\quad}$



$2 + 2 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

2	1	3	3
$\underline{+1}$	$\underline{+2}$	$\underline{-1}$	$\underline{-2}$

3	1	4	4
$\underline{+1}$	$\underline{+3}$	$\underline{-1}$	$\underline{-3}$

4	1	5	5
$\underline{+1}$	$\underline{+4}$	$\underline{-1}$	$\underline{-4}$

3	2	5	5
$\underline{+2}$	$\underline{+3}$	$\underline{-2}$	$\underline{-3}$

5	1	6	6
$\underline{+1}$	$\underline{+5}$	$\underline{-1}$	$\underline{-5}$

4	2	6	6	
$\underline{+2}$	$\underline{+4}$	$\underline{-2}$	$\underline{-4}$	

Two 1's are \_\_\_\_\_. Two 2's are \_\_\_\_\_. Two 3's are \_\_\_\_\_.

1	2
$\underline{+1}$	$\underline{-1}$

2	4
$\underline{+2}$	$\underline{-2}$

3	6
$\underline{+3}$	$\underline{-3}$

5	4	3
$\underline{+1}$	$\underline{+2}$	$\underline{+2}$

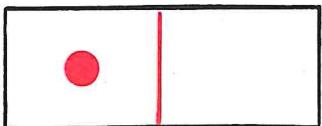
3	1
$\underline{+1}$	$\underline{+2}$

2	2	4
$\underline{+3}$	$\underline{+4}$	$\underline{+1}$

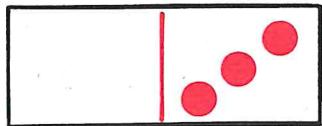
4	6	3
$\underline{-1}$	$\underline{-2}$	$\underline{-2}$

6	4
$\underline{-3}$	$\underline{-3}$

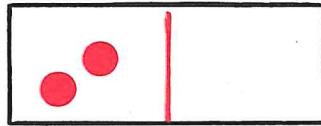
5	6	5
$\underline{-4}$	$\underline{-5}$	$\underline{-2}$



$$1 + \underline{\quad} = 6$$



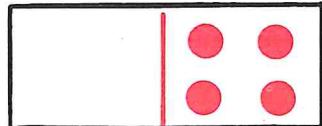
$$\underline{\quad} + 3 = 5$$



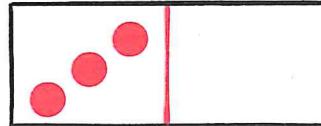
$$2 + \underline{\quad} = 4$$



$$1 + \underline{\quad} = 5$$



$$\underline{\quad} + 4 = 6$$



$$3 + \underline{\quad} = 6$$



$$5 - \underline{\quad} = 3$$

$$\underline{\quad} - 2 = 4$$

$$3 - 1 = \underline{\quad}$$



$$6 - \underline{\quad} = 1$$

$$\underline{\quad} - 2 = 2$$

$$3 - \underline{\quad} = 1$$



$$5 + \underline{\quad} = 6$$

$$4 + \underline{\quad} = 5$$

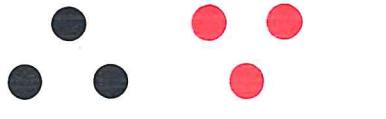
$$\underline{\quad} + 1 = 3$$



$$\underline{\quad} + 3 = 4$$

$$\underline{\quad} + 2 = 6$$

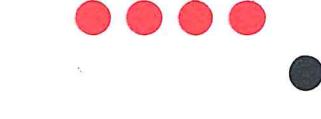
$$3 + \underline{\quad} = 5$$



$$6 - 3 = \underline{\quad}$$

$$6 - \underline{\quad} = 2$$

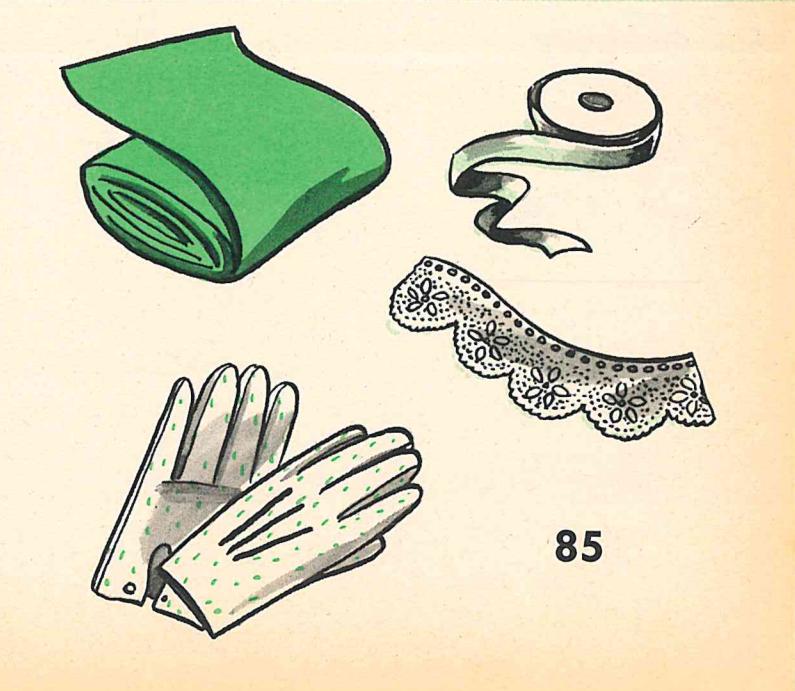
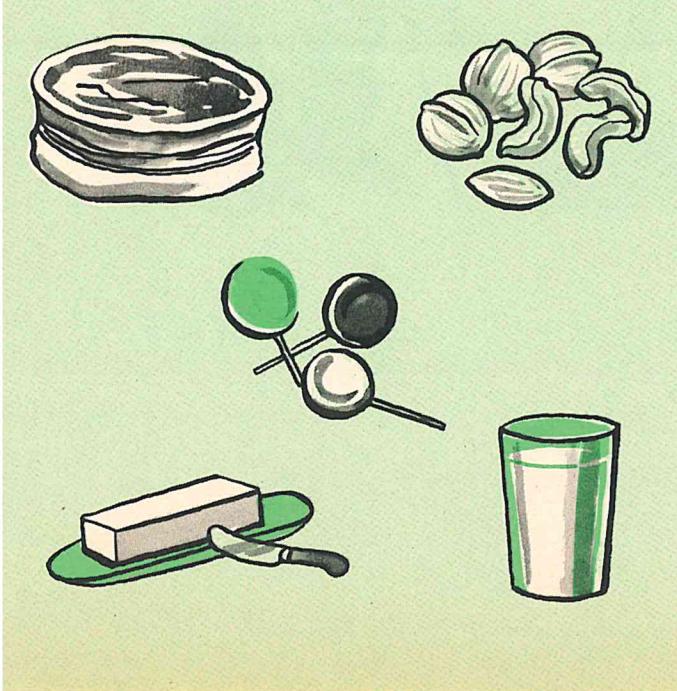
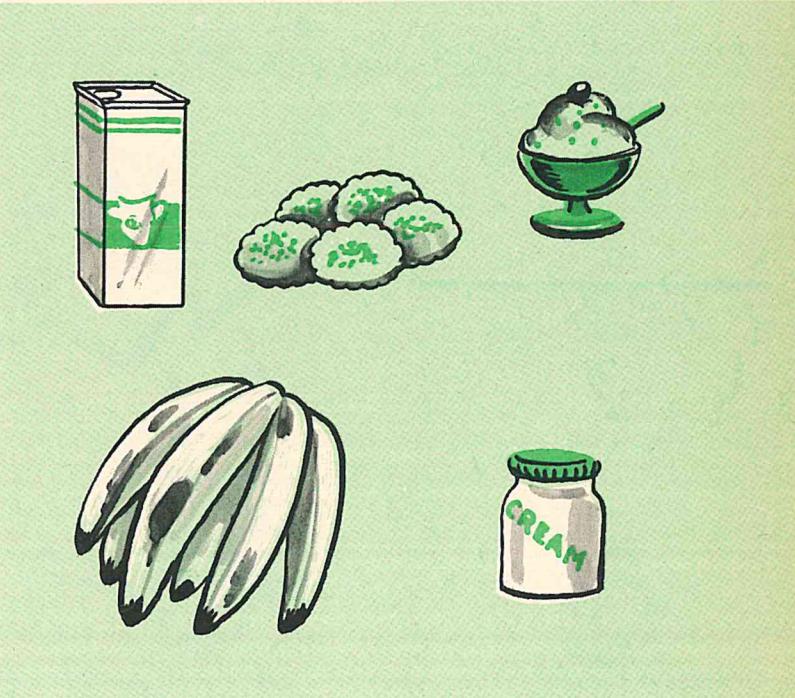
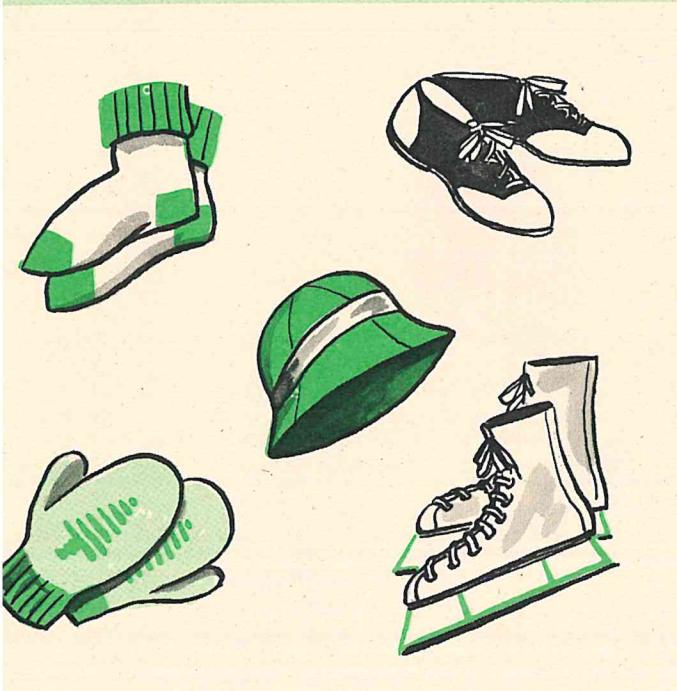
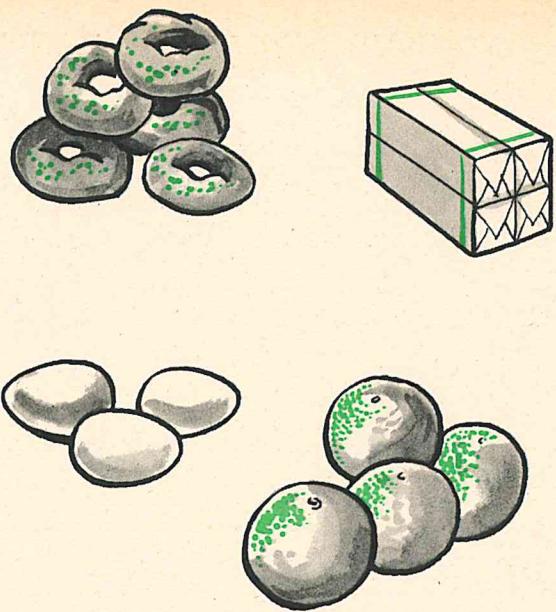
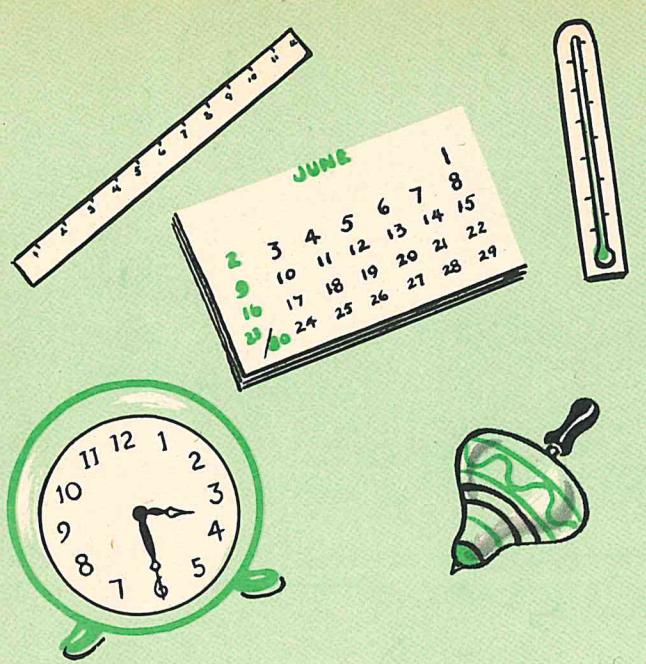
$$\underline{\quad} - 1 = 5$$

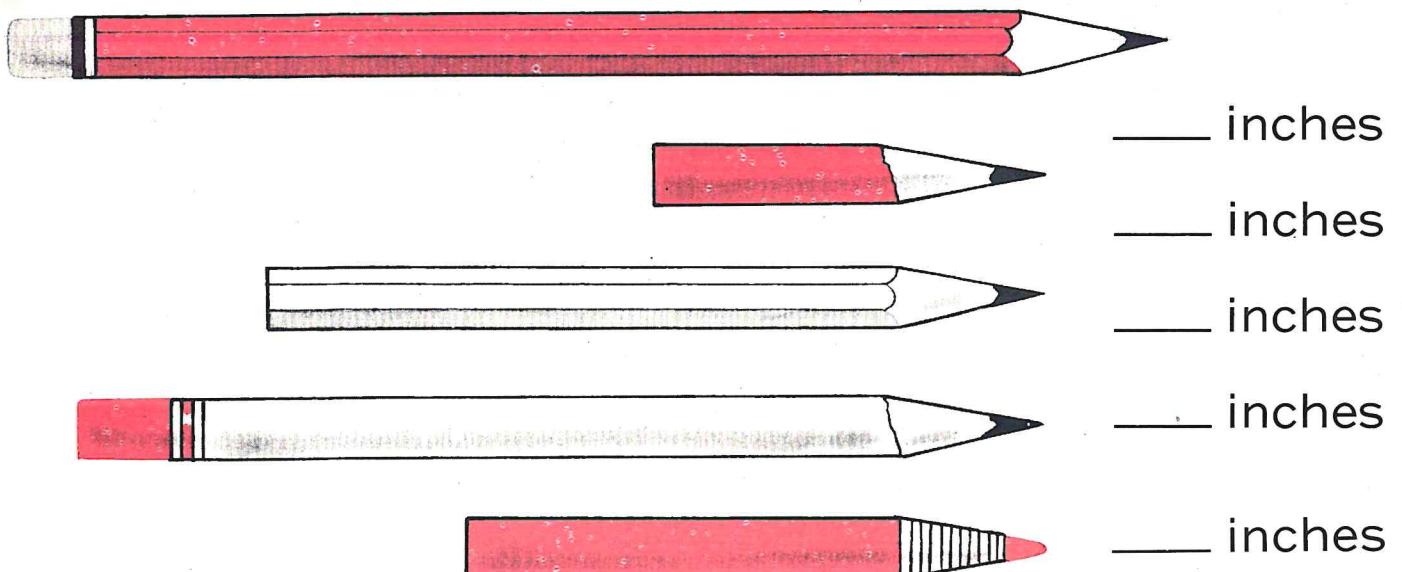


$$\underline{\quad} - 3 = 1$$

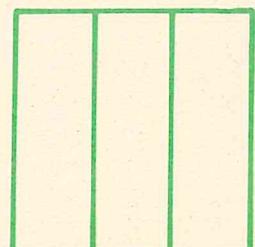
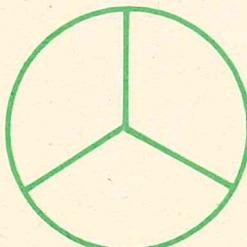
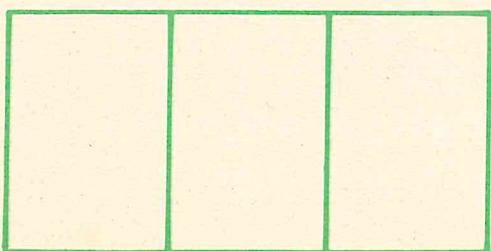
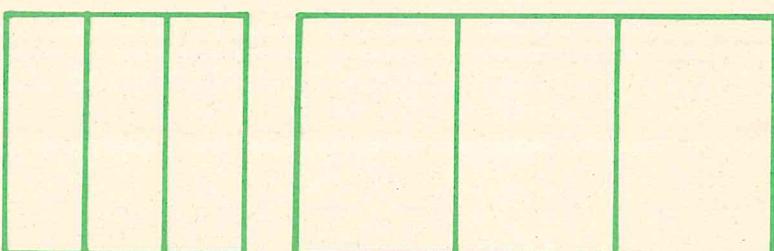
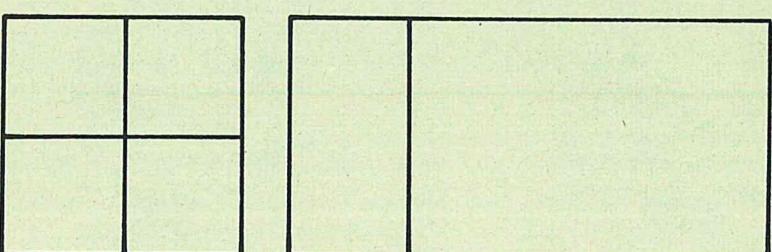
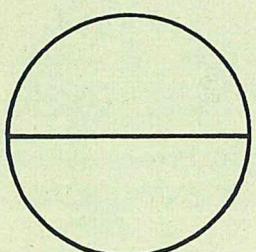
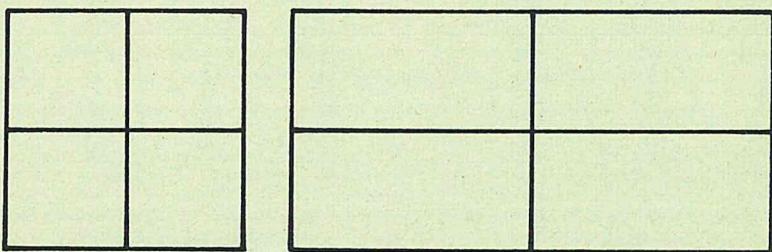
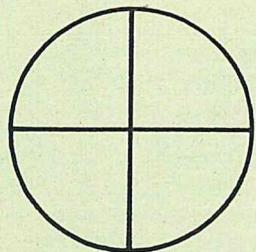
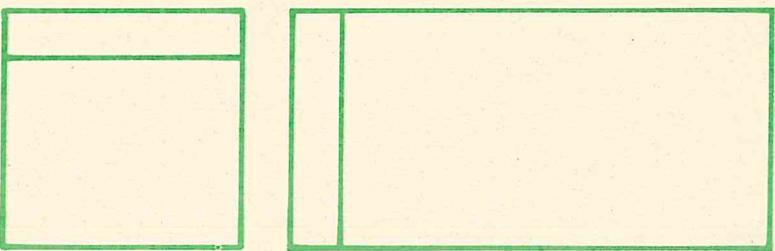
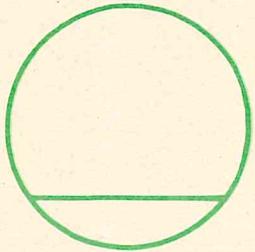
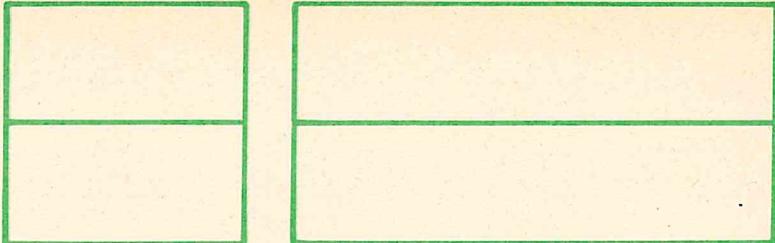
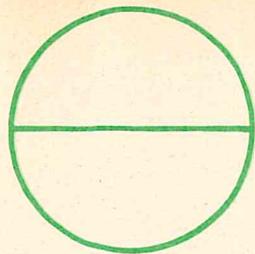
$$5 - \underline{\quad} = 2$$

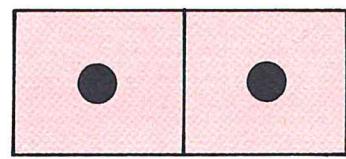
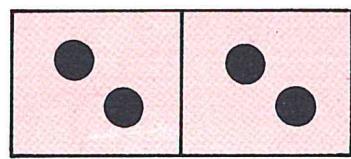
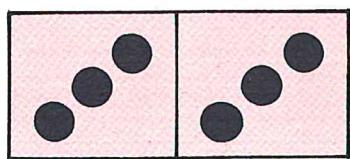
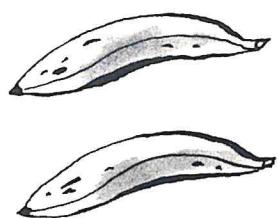
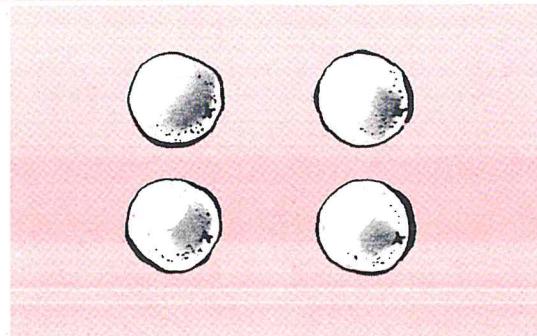
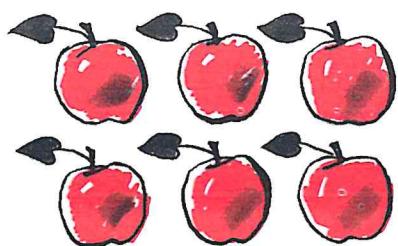
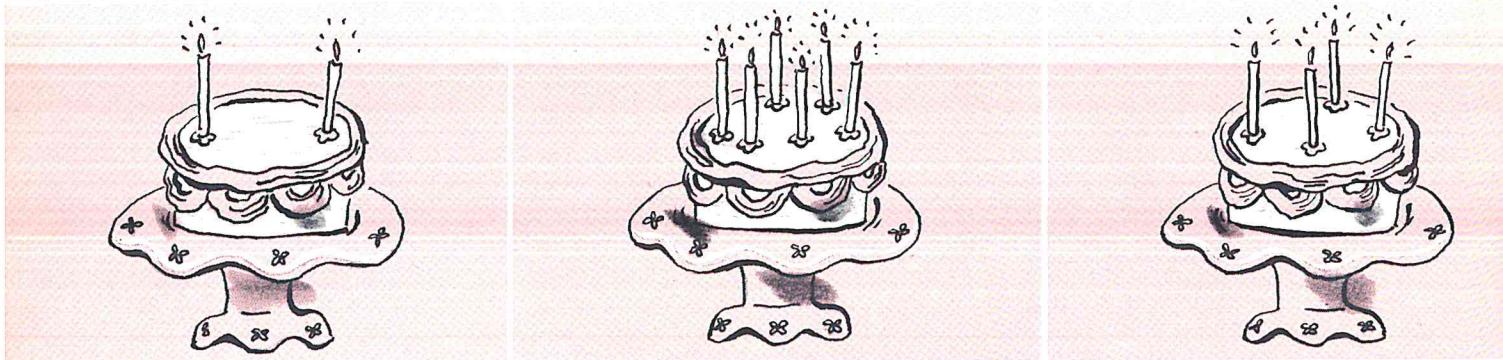
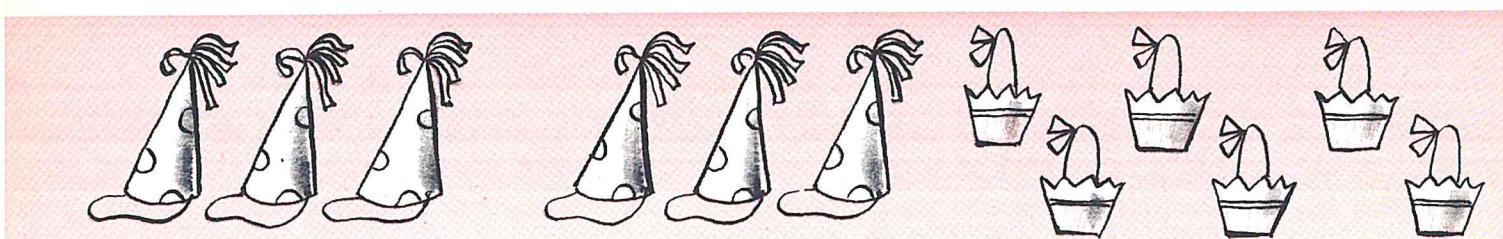
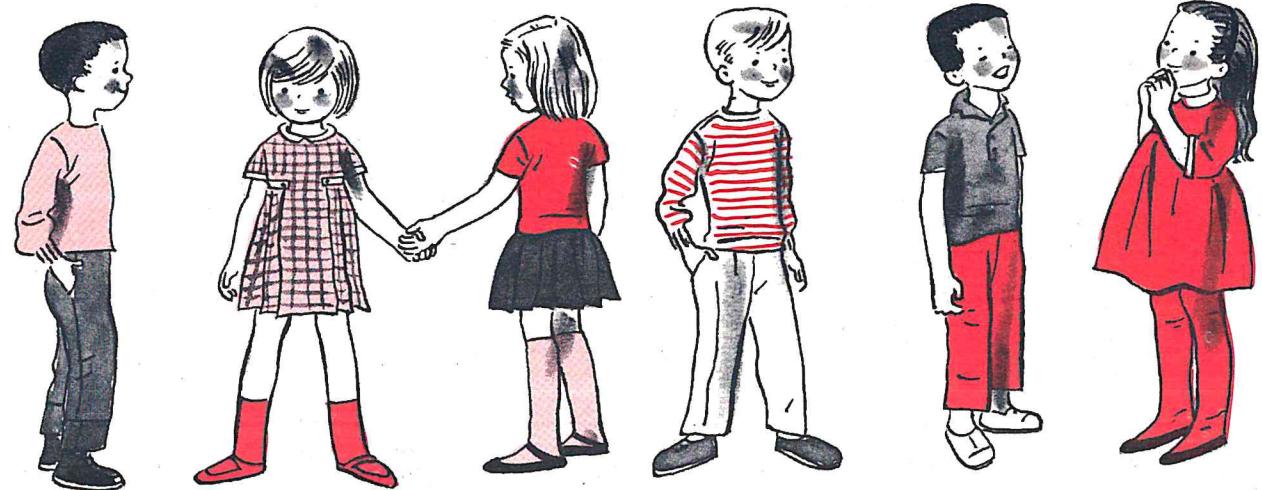
$$\underline{\quad} - 1 = 4$$

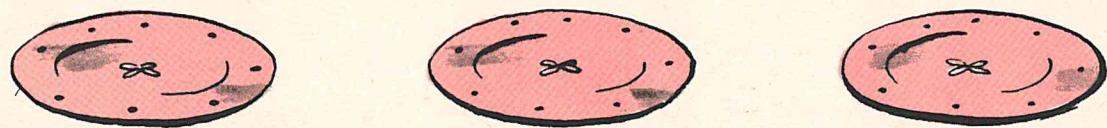
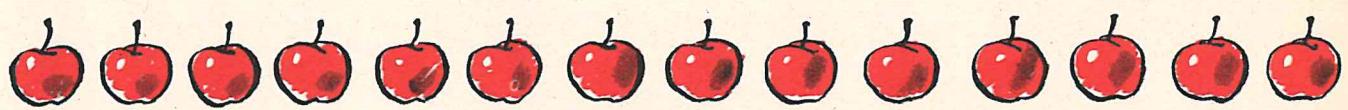
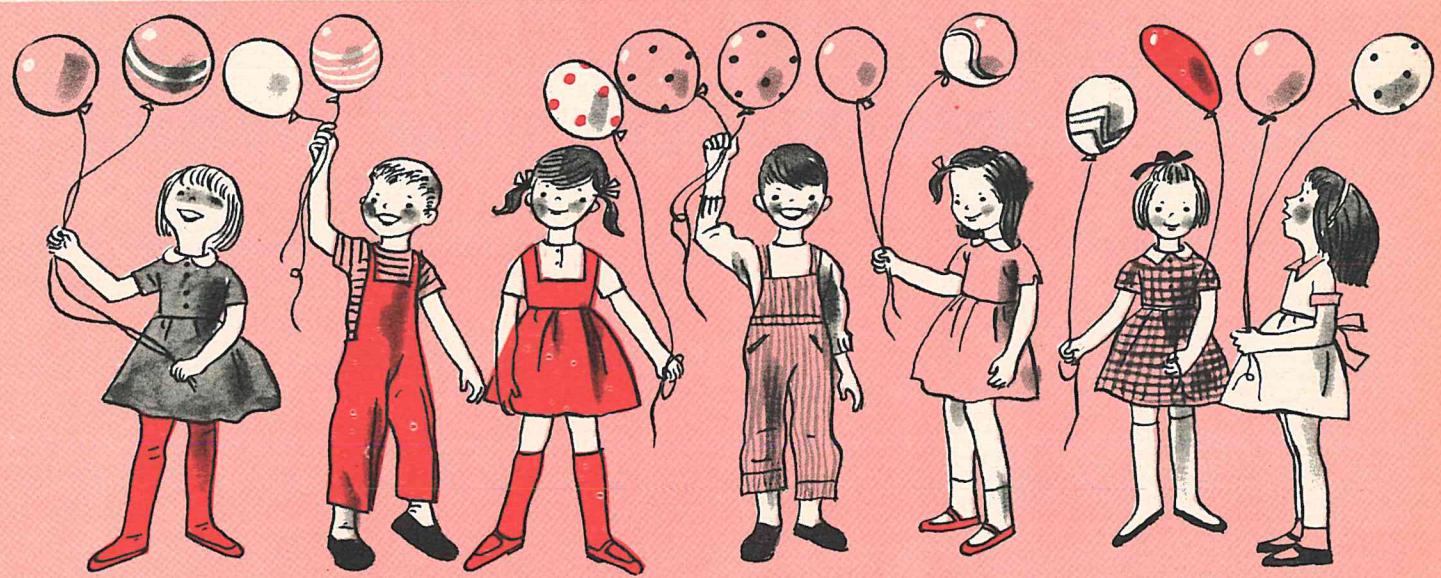


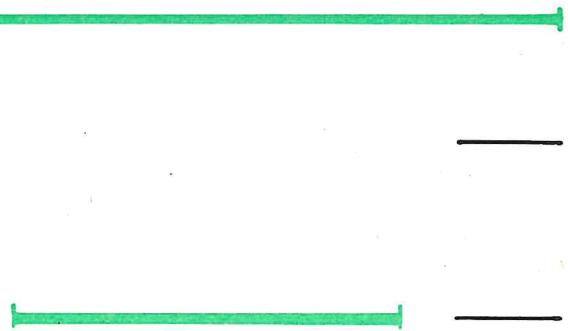
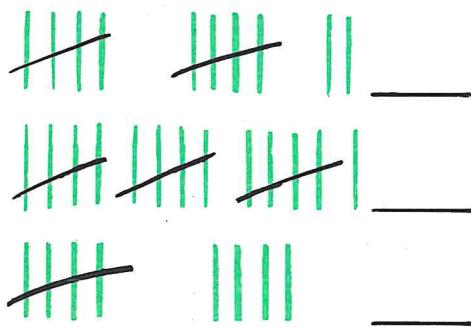
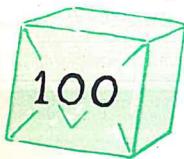


\_\_\_\_\_ inches      \_\_\_\_\_ inches      \_\_\_\_\_ inches

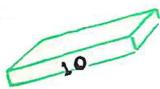








6 hundreds, 5 tens, and 4 ones = \_\_\_\_\_



9 hundreds, 2 tens, and 3 ones = \_\_\_\_\_



38 is \_\_\_\_ tens and \_\_\_\_ ones.



7 tens and 8 ones = \_\_\_\_\_



60 is \_\_\_\_ tens and \_\_\_\_ ones.

308 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

480 is \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

$$\begin{array}{r} 1 & 3 & 1 & 2 & 2 & 3 & 1 & 3 \\ +2 & +1 & +4 & +4 & +2 & +2 & +5 & +3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 & 5 & 6 & 6 & 5 & 6 & 4 & 3 \\ -1 & -1 & -4 & -5 & -4 & -2 & -3 & -1 \\ \hline \end{array}$$

387 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.



403 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.



999 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones.

7 hundreds, 8 tens, and 3 ones = \_\_\_\_\_

4 hundreds, 6 tens, and 0 ones = \_\_\_\_\_



1 hundred, 0 tens, and 9 ones = \_\_\_\_\_

Hundred	Tens	Ones	
4	0	7	
9	8	3	
6	9	1	

	Hundreds	Tens	Ones
387			
901			

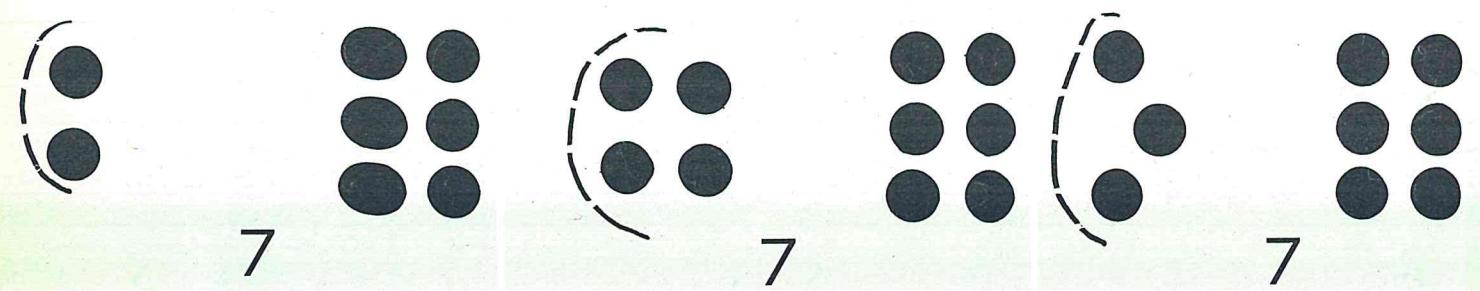
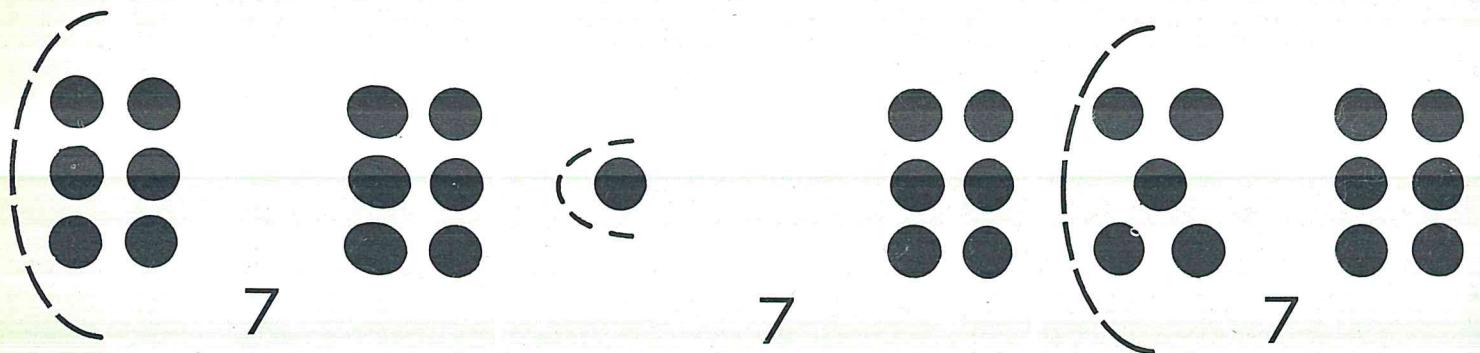
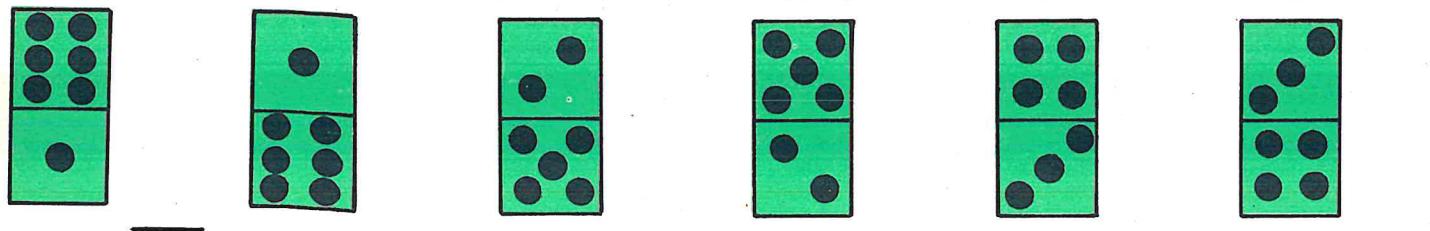
88 = \_\_\_\_ tens and \_\_\_\_ ones.

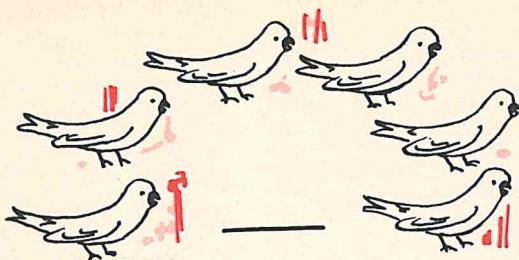
	Tens	Ones
69		
47		
39		
70		

30 = \_\_\_\_ tens and \_\_\_\_ ones.

6 tens and 4 ones = \_\_\_\_.

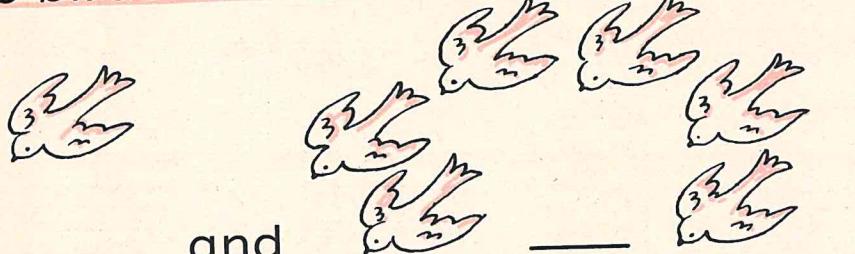
7 tens and 9 ones = \_\_\_\_.





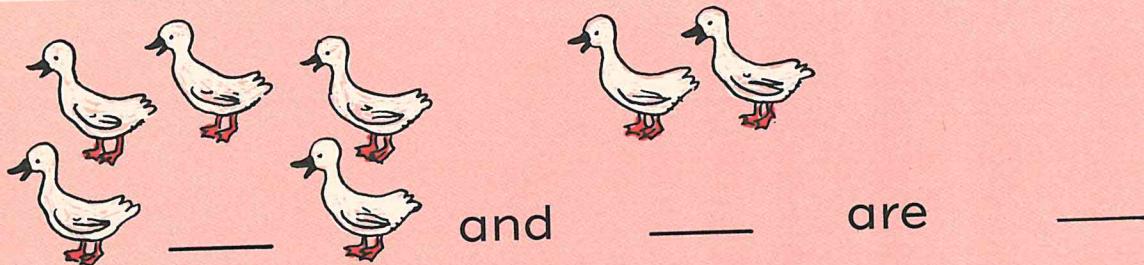
— and — are —

6 birds and — bird are 7 birds.  $6 + \underline{\quad} = 7$



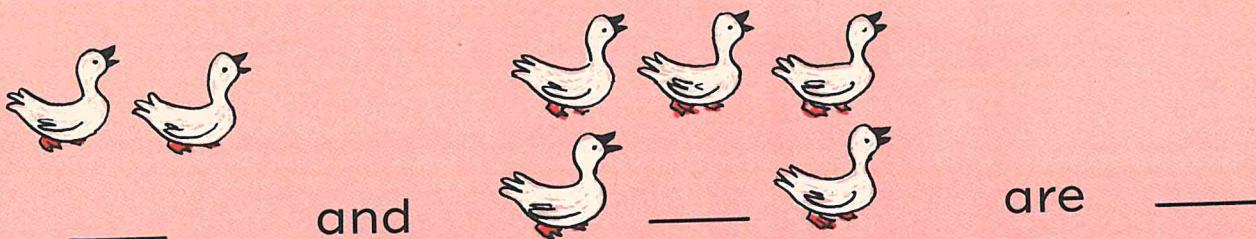
— and — are —

— bird and 6 birds are 7 birds.  $\underline{\quad} + 6 = 7$



— and — are —

5 ducks and 2 ducks are — ducks.  $5 + 2 = \underline{\quad}$



— and — are —

— ducks and 5 ducks are 7 ducks.  $\underline{\quad} + 5 = 7$

— and 1 are 7.  $\underline{\quad} + 1 = 7$



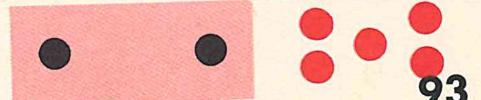
5 and — are 7.  $5 + \underline{\quad} = 7$

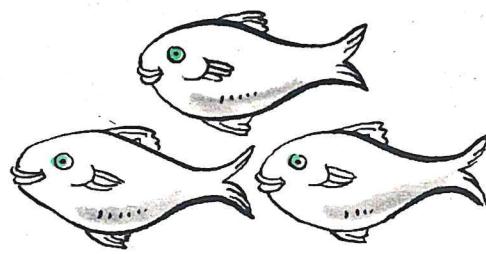
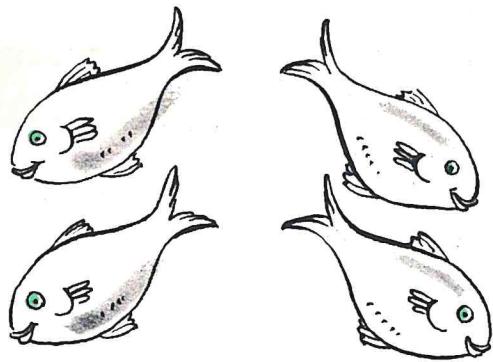


1 and 6 are —.  $1 + 6 = \underline{\quad}$



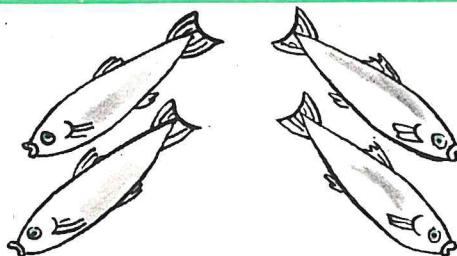
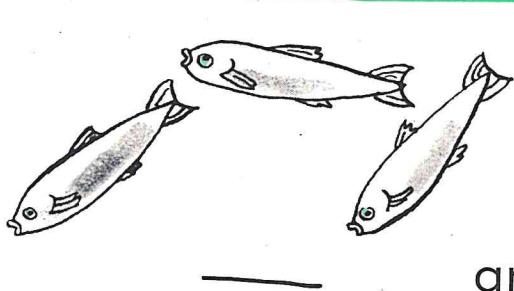
2 and 5 are —.  $2 + 5 = \underline{\quad}$





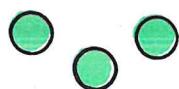
— and — are —

4 fish and 3 fish are \_\_\_ fish.  $4 + 3 = \underline{\quad}$

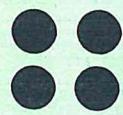


— and — are —

3 fish and \_\_\_ fish are 7 fish.  $3 + \underline{\quad} = 7$



3 and 4 are \_\_\_.  $3 + 4 = \underline{\quad}$



\_\_\_ and 3 are 7. \_\_\_ + 3 = 7

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

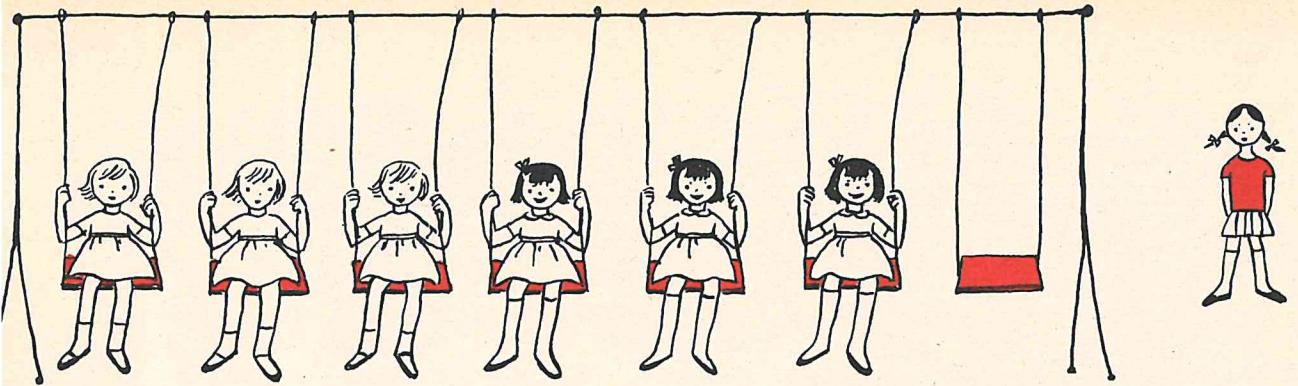
$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$



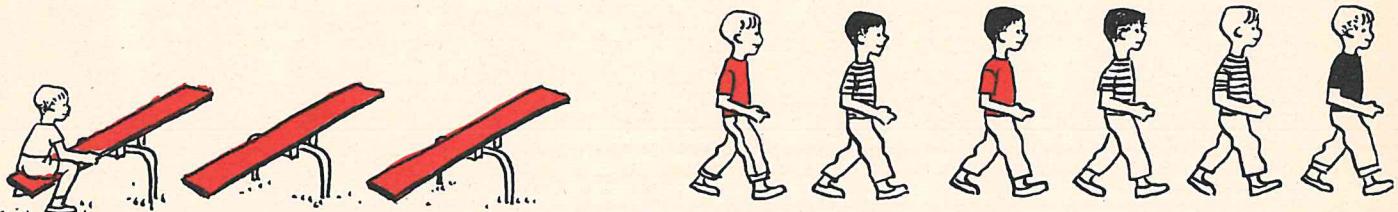
$$3 + 2 + 1 = \underline{\quad}$$



$$\star 2 + 2 + 2 = \underline{\quad}$$



7 girls take away 1 girl is \_\_\_\_ girls.  $7 - 1 = \underline{\hspace{2cm}}$

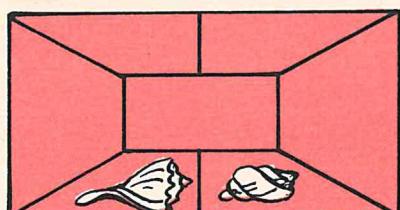


\_\_\_\_ boys take away 6 boys is 1 boy.  $\underline{\hspace{2cm}} - 6 = 1$



$$7 - \underline{\hspace{2cm}} = 5$$

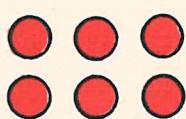
7 boats take away \_\_\_\_ boats is 5 boats.



$$7 - 5 = \underline{\hspace{2cm}}$$

7 shells take away 5 shells is \_\_\_\_ shells.

\_\_\_\_ take away 1 is 6.  $\underline{\hspace{2cm}} - 1 = 6$



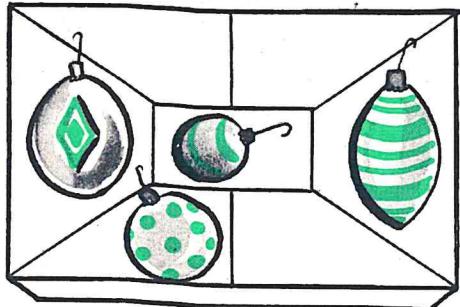
7 take away \_\_\_\_ is 1.  $7 - \underline{\hspace{2cm}} = 1$

7 take away 2 is \_\_\_\_ .  $7 - 2 = \underline{\hspace{2cm}}$

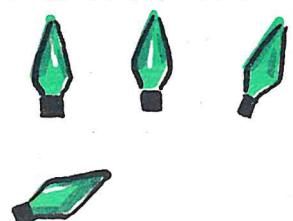
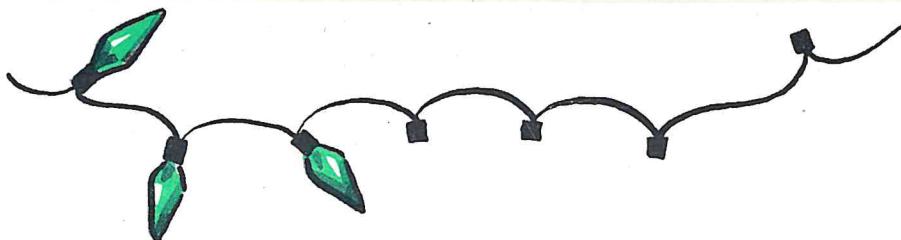


\_\_\_\_ take away 5 is 2.  $\underline{\hspace{2cm}} - 5 = 2$





7 balls take away \_\_\_\_ balls is 4 balls.  $7 - \underline{\quad} = 4$



$$7 - 4 = \underline{\quad}$$

7 lights take away 4 lights is \_\_\_\_ lights.



\_\_\_\_ take away 3 is 4.  $\underline{\quad} - 3 = 4$

7 take away \_\_\_\_ is 3.  $7 - \underline{\quad} = 3$

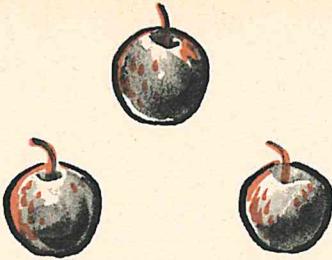
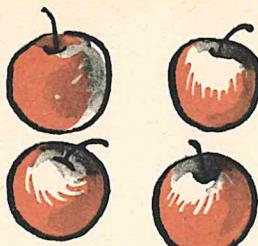
$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$7 - 3 = \underline{\quad}$$

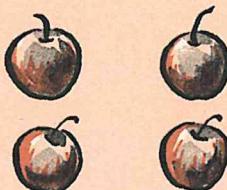
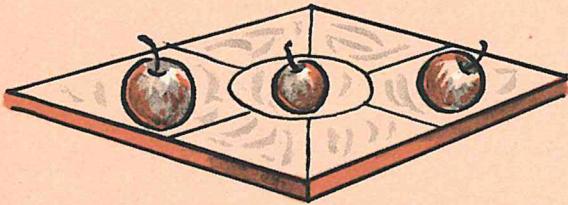
$$6 - 4 = \underline{\quad}$$

$$7 - 1 = \underline{\quad}$$



$$4 + \underline{\quad} = 7$$

4 apples and  $\underline{\quad}$  apples are 7 apples.



$$\underline{\quad} - 4 = 3$$

$\underline{\quad}$  apples take away 4 apples is 3 apples.



$$\underline{\quad} + 2 = 7$$

$\underline{\quad}$  cakes and 2 cakes are 7 cakes.



$$7 - \underline{\quad} = 2$$

7 cakes take away  $\underline{\quad}$  cakes is 2 cakes.

7 take away  $\underline{\quad}$  is 4.  $7 - \underline{\quad} = 4$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$$

$\underline{\quad}$  and 5 are 7.

$$\underline{\quad} + 5 = 7$$

$$\begin{array}{r} 7 \\ 7 \\ \hline \end{array}$$

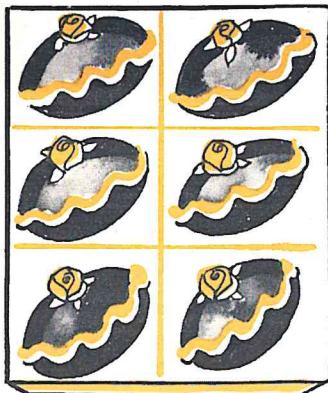
3 and  $\underline{\quad}$  are 7.

$$3 + \underline{\quad} = 7$$

$$\begin{array}{r} -2 \\ -5 \\ \hline \end{array}$$

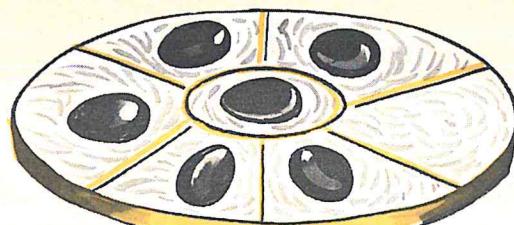
$\underline{\quad}$  take away 2 is 5.

$$\underline{\quad} - 2 = 5$$



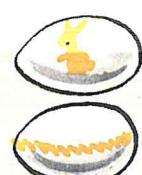
$$\begin{array}{r}
 6 \\
 + 1 \\
 \hline
 7
 \end{array}
 \quad
 \begin{array}{r}
 1 \\
 + 6 \\
 \hline
 7
 \end{array}
 \quad
 \begin{array}{r}
 7 \\
 - 1 \\
 \hline
 6
 \end{array}$$

6 eggs and \_\_\_ eggs are 7 eggs.  $6 + \underline{\quad} = 7$



$$7 - \underline{\quad} = 6$$

\_\_\_ eggs take away 1 egg is 6 eggs.

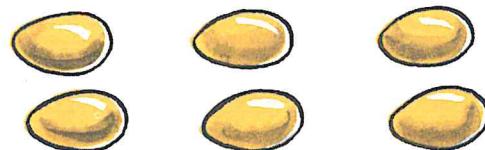
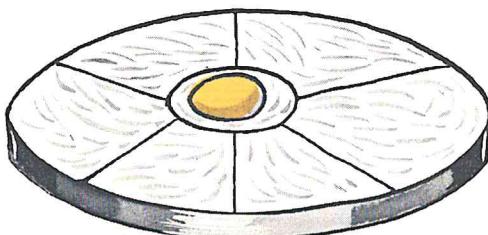


$$\underline{\quad} + 6 = 7$$

\_\_\_ and

6

are 7.



$$7 - \underline{\quad} = 1$$

7 take away \_\_\_ is 1.

$$4 + 3 = \underline{\quad}$$

$$4 + 2 = \underline{\quad}$$

$$4 + 1 = \underline{\quad}$$

$$2 + 5 = \underline{\quad}$$

$$5 + 2 = \underline{\quad}$$

$$4 + 3 = \underline{\quad}$$

$$7 - 4 = \underline{\quad}$$

$$7 - 5 = \underline{\quad}$$

$$6 - 5 = \underline{\quad}$$

$$5 - 2 = \underline{\quad}$$

$$7 - 1 = \underline{\quad}$$

$$6 - 2 = \underline{\quad}$$



1 penny  
1 cent  
1¢



1 nickel  
5 cents  
5¢



1 dime  
10 cents  
10¢



— cents

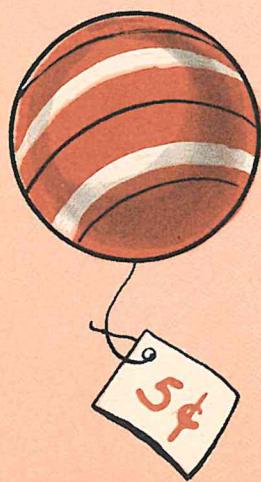
— cents



10¢ is the same as — pennies.



10¢ is the same as — nickels.

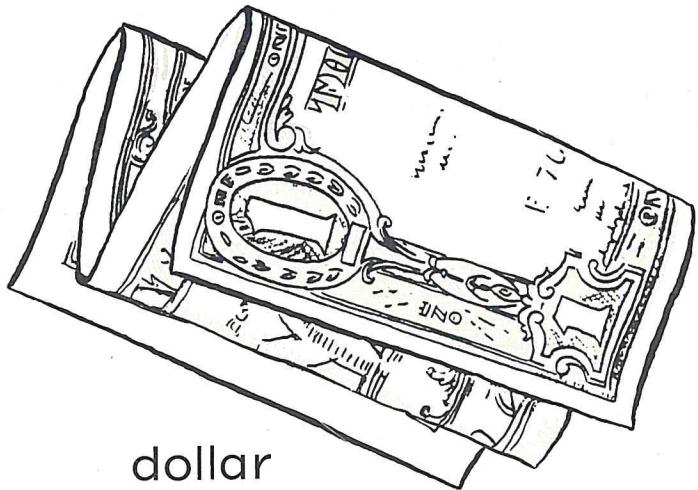




quarter



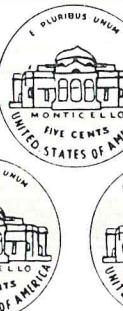
half dollar



dollar



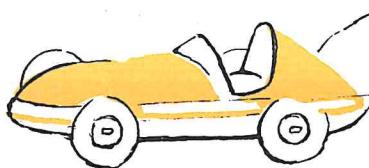
1 half dollar = 2 quarters or 5 dimes.



1 quarter = 2 dimes and 1 nickel or 5 nickels.

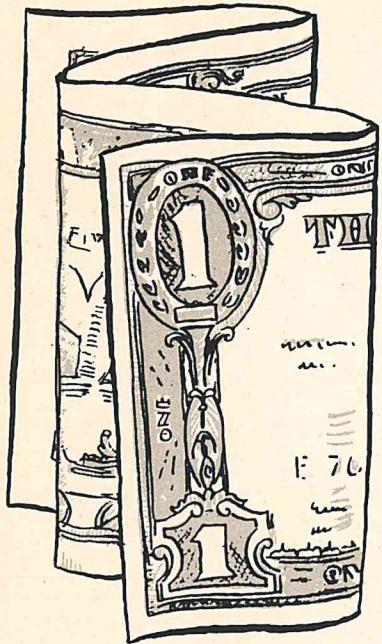


40¢



25¢





1 dollar



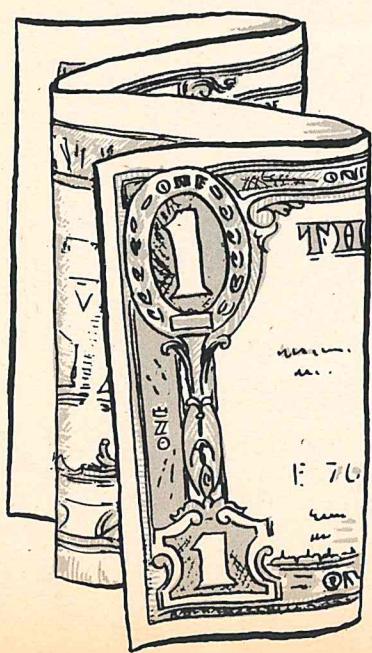
2 half dollars



4 quarters



10 dimes



hundreds tens ones

5	9	2
3	1	7
9	4	0

hundreds tens ones

473  
807  
227

683 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones

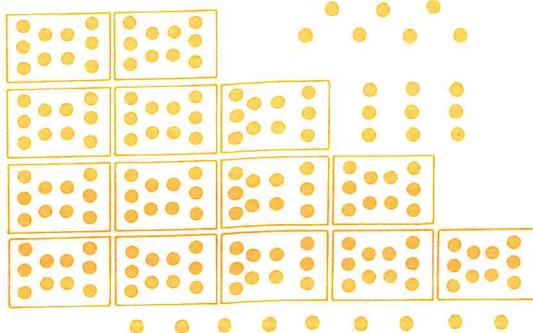
322 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones

5 hundreds, 0 tens, and 7 ones = \_\_\_\_\_

7 hundreds, 1 ten, and 0 ones = \_\_\_\_\_

\_\_\_\_\_ 399 \_\_\_\_\_ 709 \_\_\_\_\_

430 \_\_\_\_\_ 432 832 \_\_\_\_\_ 834



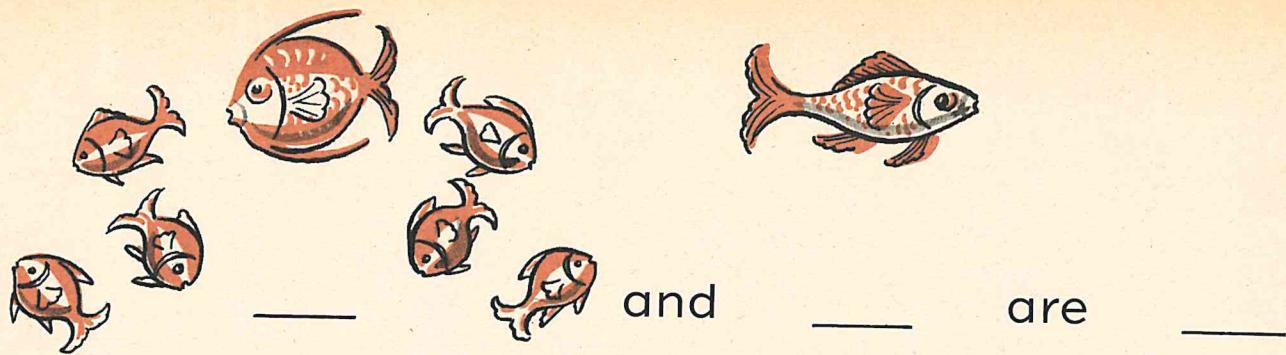
27 = \_\_\_\_ tens and \_\_\_\_ ones

39 = \_\_\_\_ tens and \_\_\_\_ ones

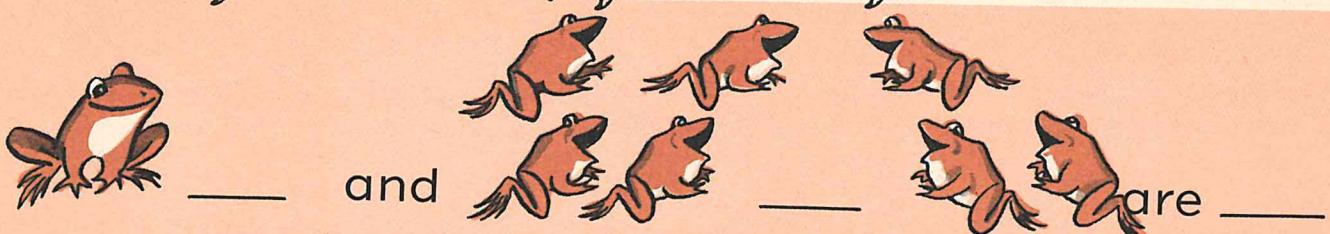
4 tens and 0 ones = \_\_\_\_\_

5 tens and 9 ones = \_\_\_\_\_





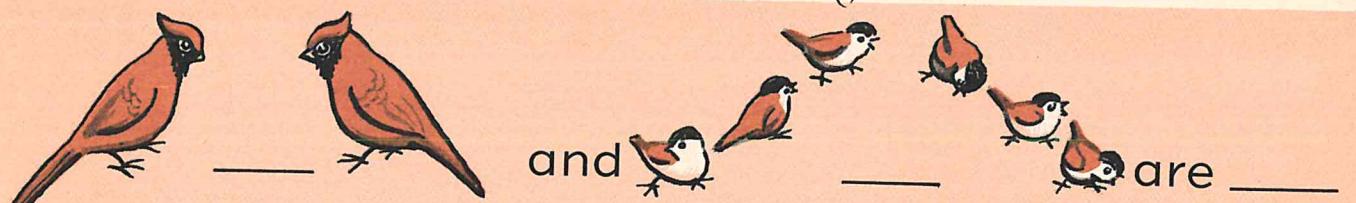
7 and — are 8  $7 + \underline{\quad} = 8$



1 and 7 s are — s.  $1 + 7 = \underline{\quad}$



6 s and — s are 8 s.  $6 + \underline{\quad} = 8$



— s and 6 s are 8 s.  $\underline{\quad} + 6 = 8$

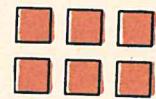
— and 1 are 8.  $\underline{\quad} + 1 = 8$



— and 6 are 8.  $\underline{\quad} + 6 = 8$

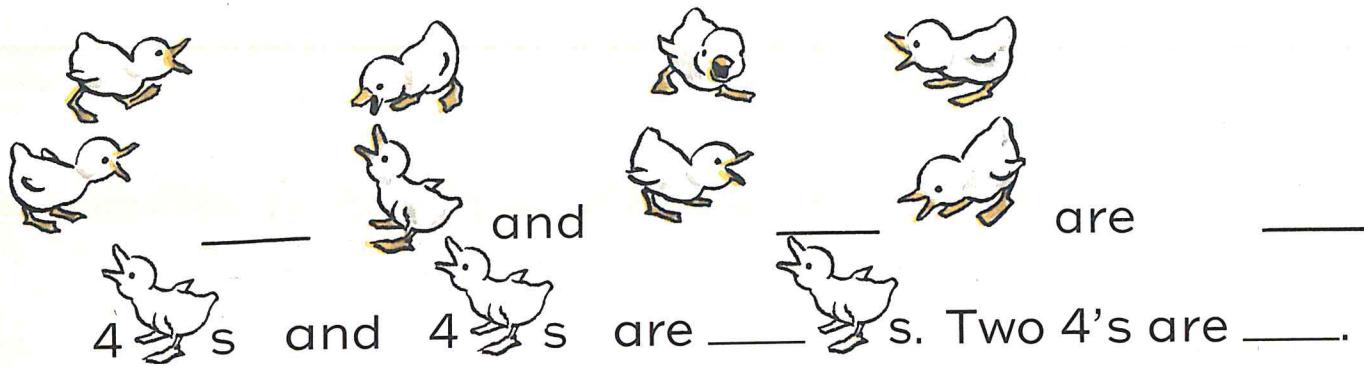
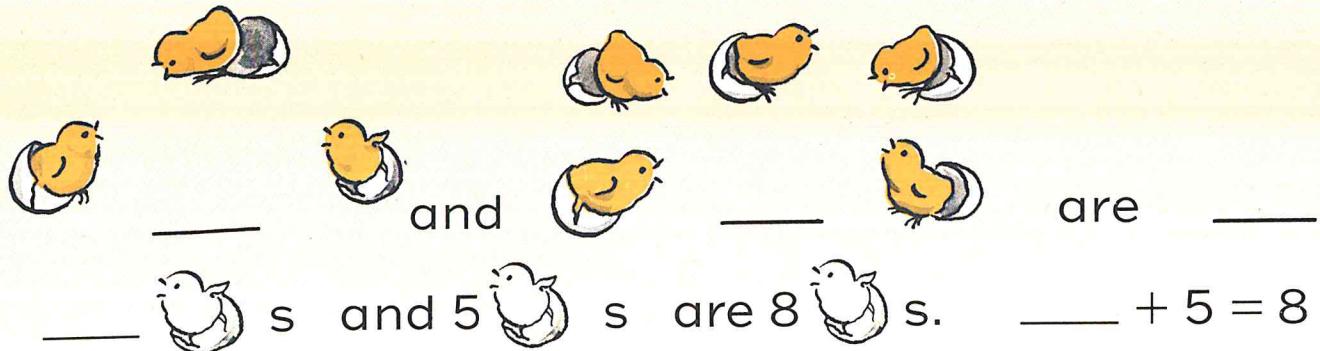
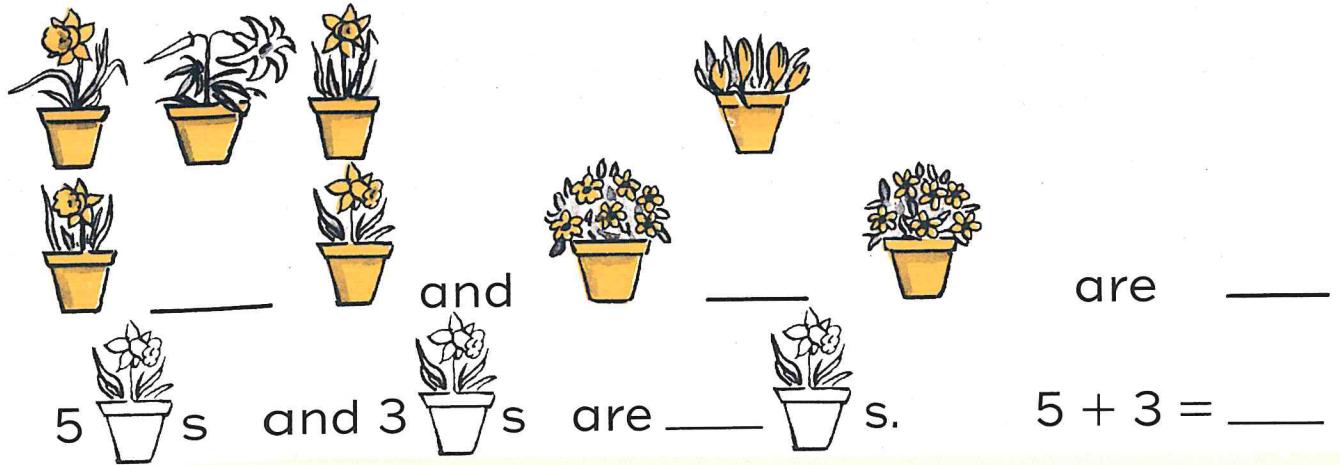


6 and 2 are —.  $6 + 2 = \underline{\quad}$



— and 7 are 8.  $\underline{\quad} + 7 = 8$





3 and \_\_\_\_ are 8.  $3 + \underline{\hspace{2cm}} = 8$



5 and \_\_\_\_ are 8.  $5 + \underline{\hspace{2cm}} = 8$

\_\_\_\_ and 4 are 8.  $\underline{\hspace{2cm}} + 4 = 8$

$$\begin{array}{r}
 7 & 4 & 6 \\
 +1 & +3 & +2 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 2 & 4 & 1 \\
 +5 & +4 & +7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3 & 2 \\
 +2 & +6 \\
 \hline
 \end{array}$$



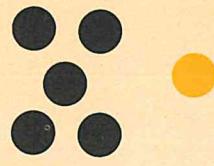
$2 + \underline{\quad} = 3$



$1 + \underline{\quad} = 3$



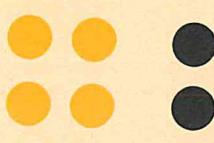
$5 + \underline{\quad} = 6$



$1 + \underline{\quad} = 6$



$4 + \underline{\quad} = 6$



$2 + \underline{\quad} = 6$



$3 + \underline{\quad} = 6$



$6 + \underline{\quad} = 7$



$1 + \underline{\quad} = 7$



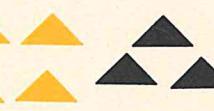
$5 + \underline{\quad} = 7$



$2 + \underline{\quad} = 7$



$3 + \underline{\quad} = 7$



$4 + \underline{\quad} = 7$



$2 + \underline{\quad} = 4$



$3 + \underline{\quad} = 4$



$1 + \underline{\quad} = 4$



$4 + \underline{\quad} = 5$



$1 + \underline{\quad} = 5$



$2 + \underline{\quad} = 5$



$3 + \underline{\quad} = 5$



$7 + \underline{\quad} = 8$



$1 + \underline{\quad} = 8$



$6 + \underline{\quad} = 8$



$2 + \underline{\quad} = 8$



$5 + \underline{\quad} = 8$

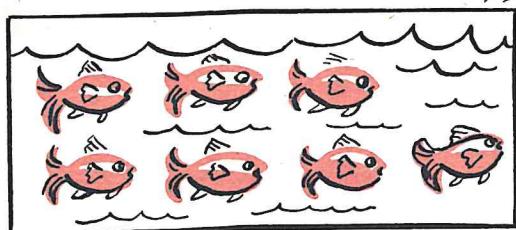


$3 + \underline{\quad} = 8$



$4 + \underline{\quad} = 8$





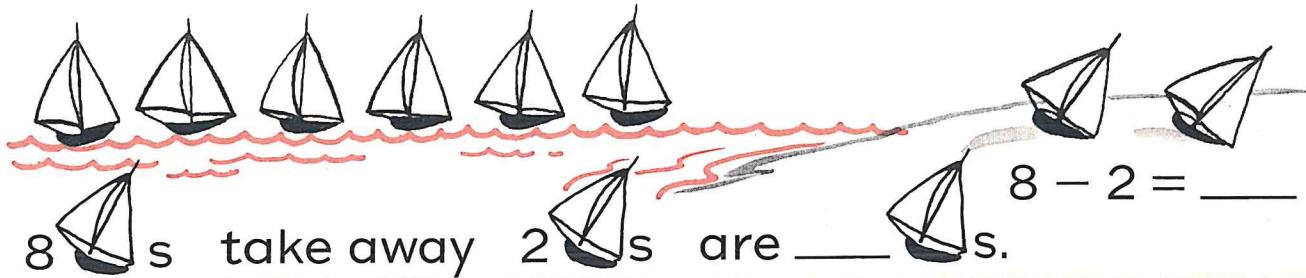
$$8 - 1 = \underline{\quad}$$

8 take away 1 is  $\underline{\quad}$  .



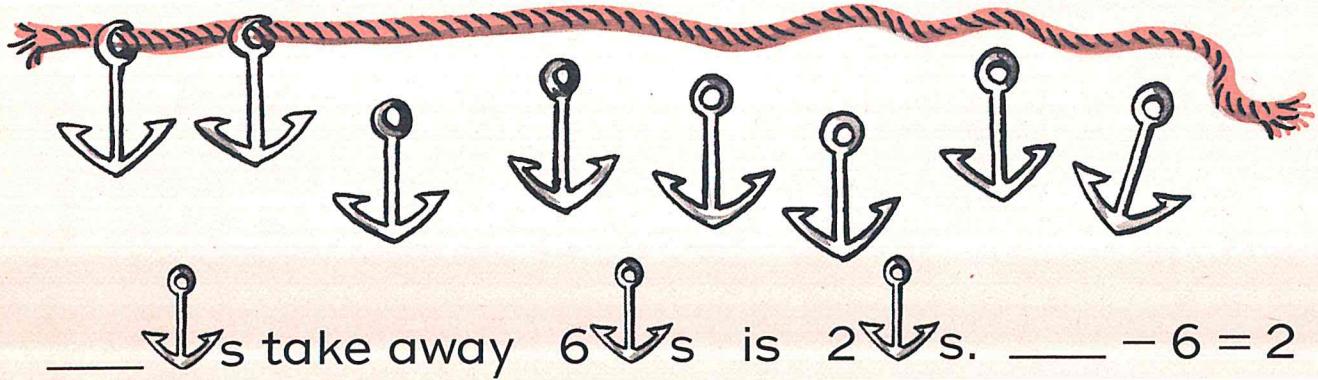
$$8 - \underline{\quad} = 1$$

8 s take away  $\underline{\quad}$  s is 1 .

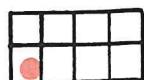


$$8 - 2 = \underline{\quad}$$

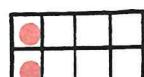
8 s take away 2 s are  $\underline{\quad}$  s.



$\underline{\quad}$  s take away 6 s is 2 s.  $\underline{\quad} - 6 = 2$



$\underline{\quad}$  take away 7 is 1.  $\underline{\quad} - 7 = 1$



8 take away  $\underline{\quad}$  is 2.  $8 - \underline{\quad} = 2$



$\underline{\quad}$  take away 1 is 7.  $\underline{\quad} - 1 = 7$

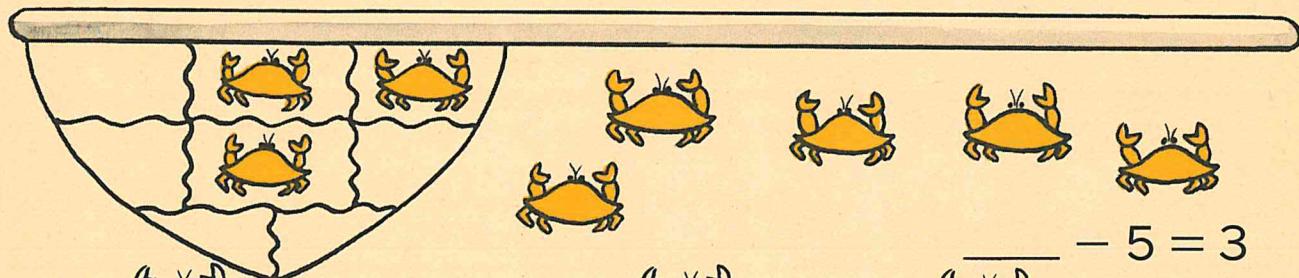


8 take away  $\underline{\quad}$  is 6.  $8 - \underline{\quad} = 6$



$$8 - \underline{\quad} = 5$$

8 s take away  $\underline{\quad}$  s is 5 s.

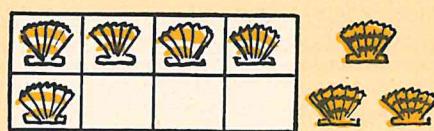


$$\underline{\quad} - 5 = 3$$

$\underline{\quad}$  s take away 5 s is 3 s.



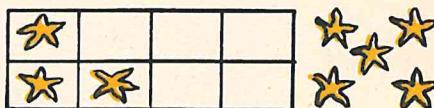
8 s take away 4 s is  $\underline{\quad}$  s.  $8 - 4 = \underline{\quad}$



$\underline{\quad}$  take away 3 is 5.  $\underline{\quad} - 3 = 5$

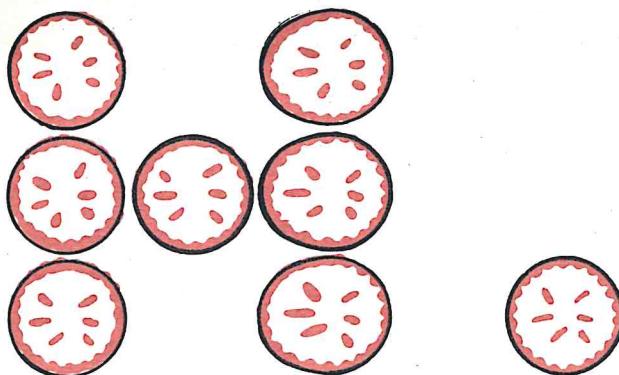


8 take away  $\underline{\quad}$  is 4.  $8 - \underline{\quad} = 4$



8 take away 5 is  $\underline{\quad}$ .  $8 - 5 = \underline{\quad}$

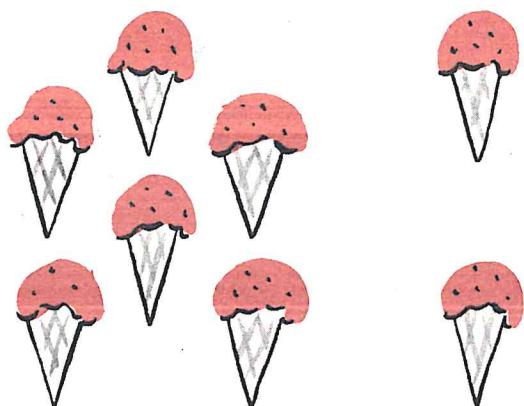
$$\begin{array}{r}
 8 & 8 & 8 & 7 & 8 & 8 & 8 & 8 \\
 -5 & -1 & -4 & -3 & -6 & -3 & -7 & -2 \\
 \hline
 \end{array}$$



$$\begin{array}{r}
 7 \\
 +1 \\
 \hline
 8
 \end{array}
 \quad
 \begin{array}{r}
 1 \\
 +7 \\
 \hline
 8
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 -1 \\
 \hline
 7
 \end{array}$$

7 pies and \_\_\_\_ pies are 8 pies.  $7 + \underline{\hspace{1cm}} = 8$

\_\_\_\_ pies take away 7 pies is 1 pie.  $\underline{\hspace{1cm}} - 7 = 1$



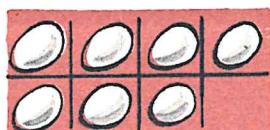
$$\begin{array}{r}
 6 \\
 +2 \\
 \hline
 8
 \end{array}
 \quad
 \begin{array}{r}
 2 \\
 +6 \\
 \hline
 8
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 -2 \\
 \hline
 6
 \end{array}$$

$$\underline{\hspace{1cm}} + 2 = 8$$

\_\_\_\_ cones and 2 cones are 8 cones.

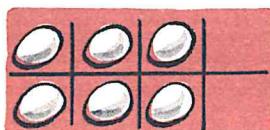
$$8 - \underline{\hspace{1cm}} = 6$$

8 cones take away \_\_\_\_ cones is 6 cones.



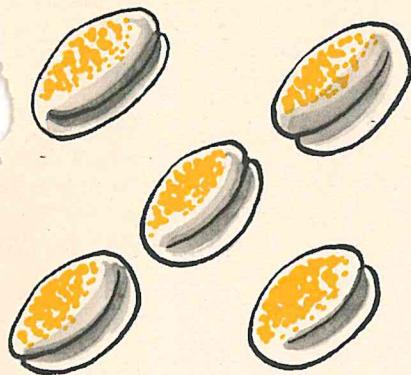
$$8 \text{ take away } \underline{\hspace{1cm}} \text{ is } 7. \quad 8 - \underline{\hspace{1cm}} = 7$$

\_\_\_\_ and 7 are 8.  $\underline{\hspace{1cm}} + 7 = 8$

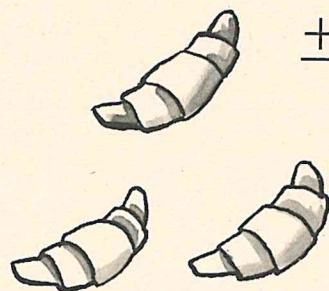


2 and \_\_\_\_ are 8.  $2 + \underline{\hspace{1cm}} = 8$

\_\_\_\_ take away 2 is 6.  $\underline{\hspace{1cm}} - 2 = 6$



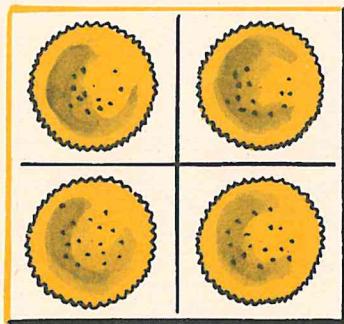
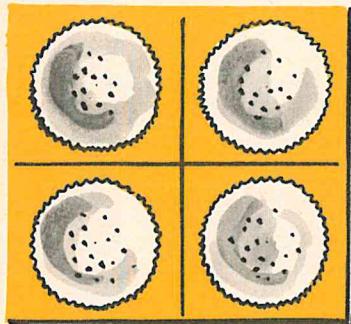
$$\begin{array}{r}
 5 \\
 + 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 + 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 - 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 - 3 \\
 \hline
 \end{array}$$



$$5 + \underline{\quad} = 8$$

5 rolls and  $\underline{\quad}$  rolls are 8 rolls.

$\underline{\quad}$  rolls take away 5 rolls is 3 rolls.  $\underline{\quad} - 5 = 3$



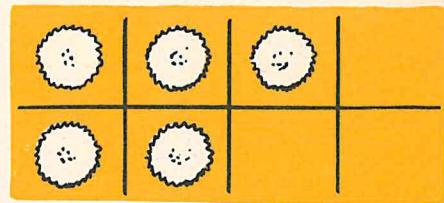
$$\begin{array}{r}
 4 \\
 + 4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 - 4 \\
 \hline
 \end{array}$$

$$\underline{\quad} + 4 = 8$$

$\underline{\quad}$  cakes and 4 cakes are 8 cakes.

$$8 - \underline{\quad} = 4$$

8 cakes take away  $\underline{\quad}$  cakes is 4 cakes.



$\underline{\quad}$  and 5 are 8.  $\underline{\quad} + 5 = 8$

8 take away  $\underline{\quad}$  is 5.  $8 - \underline{\quad} = 5$

$$6 + 1 = \underline{\quad}$$

$$7 + 1 = \underline{\quad}$$

$$4 + 1 = \underline{\quad}$$

$$8 - 7 = \underline{\quad}$$

$$7 - 3 = \underline{\quad}$$

$$5 - 3 = \underline{\quad}$$

$$\begin{array}{r}
 5 & 6 & 3 & 5 & 1 & 3 & 6 & 4 \\
 +1 & +2 & +4 & +3 & +7 & +2 & +1 & +4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 5 & 1 & 3 & 4 & 2 & 7 & 2 & 4 \\
 +2 & +4 & +5 & +3 & +4 & +1 & +5 & +2 \\
 \hline
 \end{array}$$

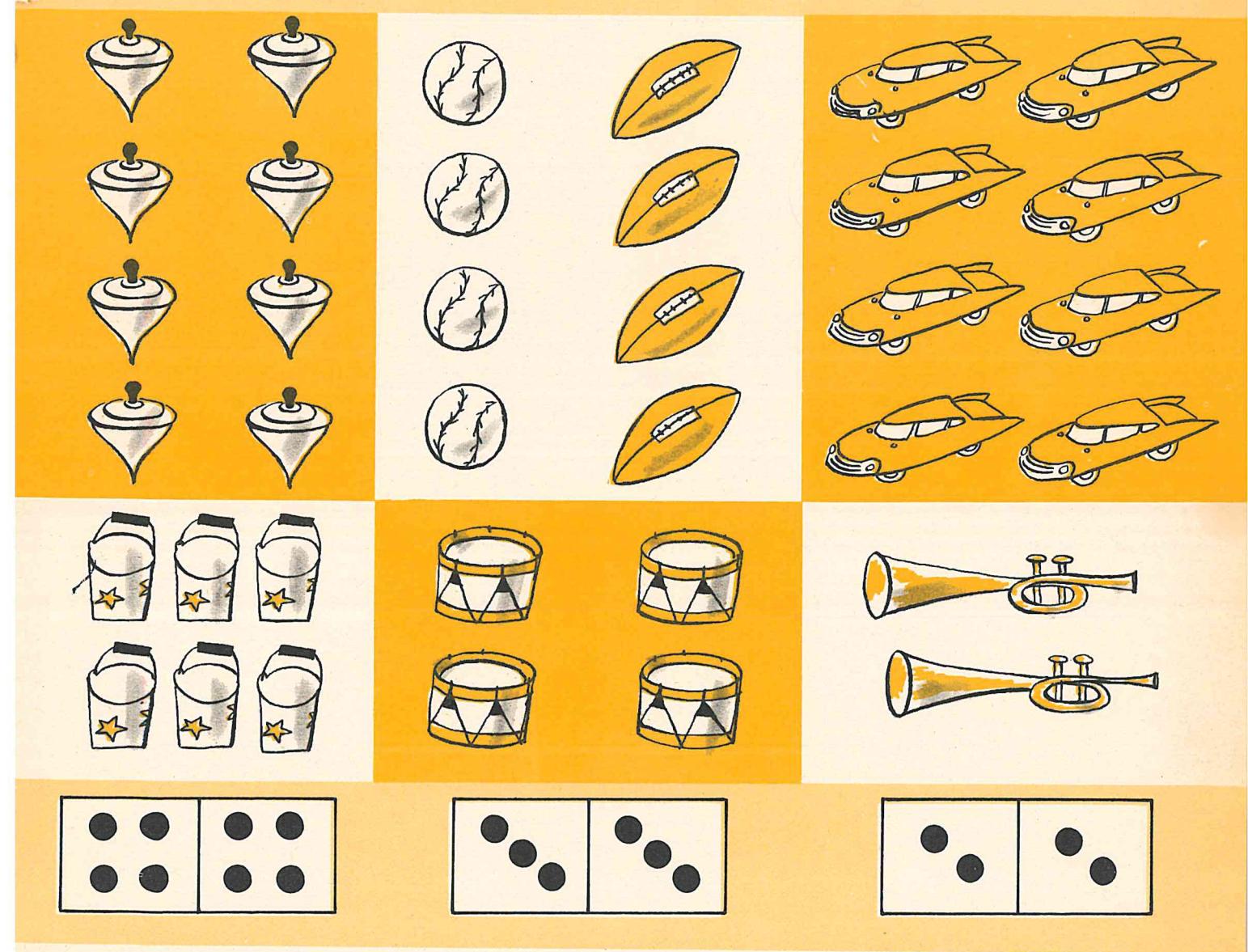
$$\begin{array}{r}
 8 & 7 & 8 & 7 & 5 & 7 & 6 & 8 \\
 -2 & -6 & -5 & -3 & -2 & -1 & -4 & -3 \\
 \hline
 \end{array}$$

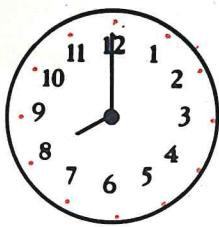
$$\begin{array}{r}
 8 & 6 & 8 & 7 & 6 & 5 & 8 & 7 \\
 -1 & -5 & -4 & -5 & -1 & -4 & -6 & -2 \\
 \hline
 \end{array}$$

★ 3      4      2      1      2

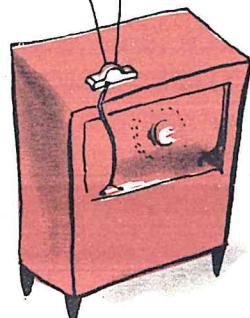
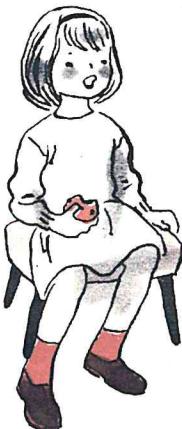
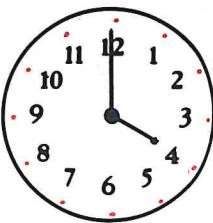
$$\begin{array}{r}
 3 & 4 & 2 & 1 & 2 \\
 2 & 1 & 2 & 2 & 5 \\
 +1 & +3 & +1 & +4 & +1 \\
 \hline
 \end{array}$$

$$1 + 4 + 1 = \underline{\quad} \quad 2 + 3 + 3 = \underline{\quad} \quad 2 + \underline{\quad} + 4 = 7$$

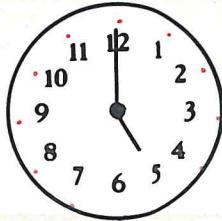
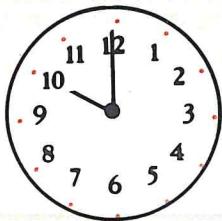




— o'clock

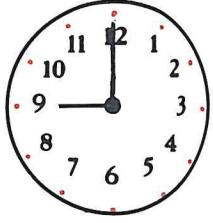
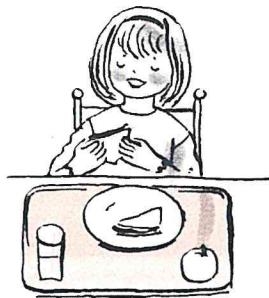
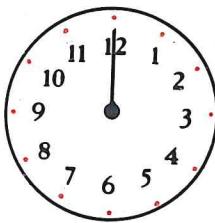


— o'clock



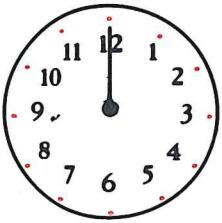
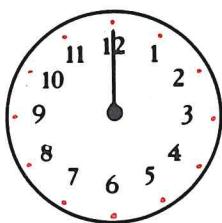
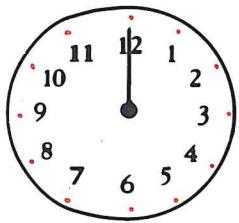
— o'clock

— o'clock



— o'clock

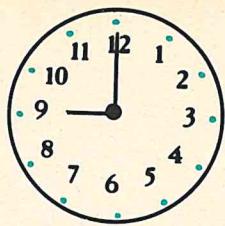
— o'clock



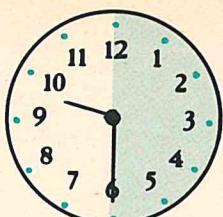
3 o'clock

6 o'clock

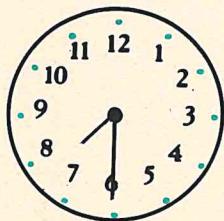
8 o'clock



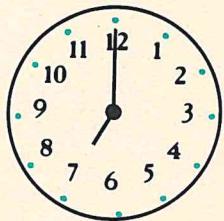
9 o'clock



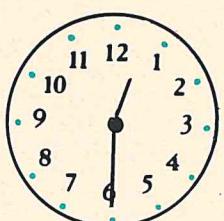
Half past \_\_\_



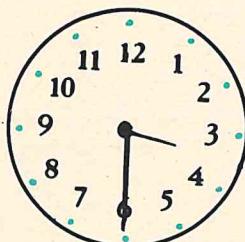
Half past \_\_\_



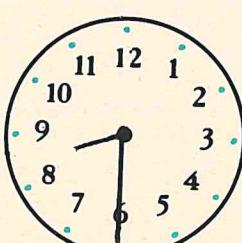
\_\_\_ o'clock



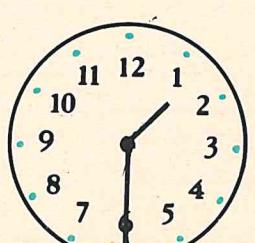
Half past \_\_\_



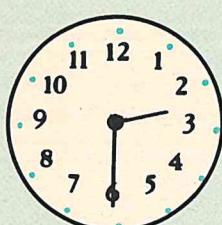
Half past \_\_\_



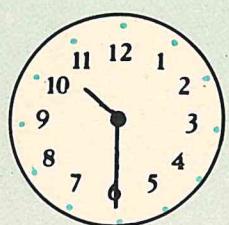
Half past \_\_\_



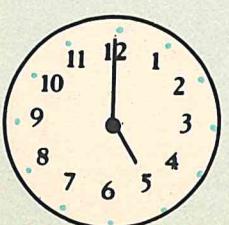
Half past \_\_\_



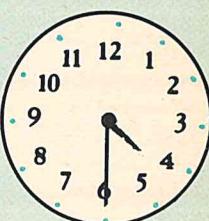
Half past 10



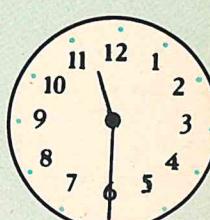
5 o'clock



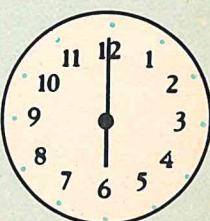
Half past 2



Half past 11



6 o'clock



Half past 4

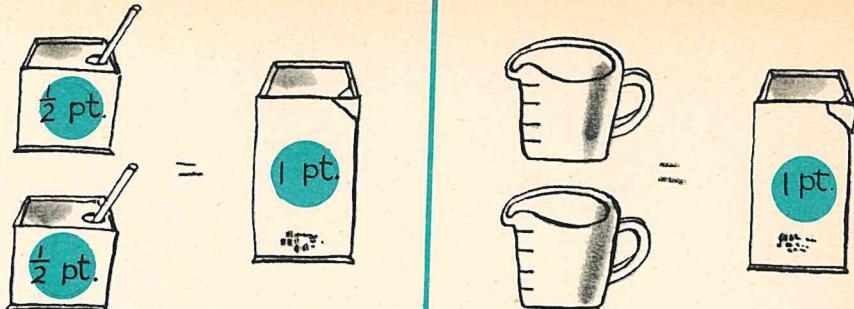
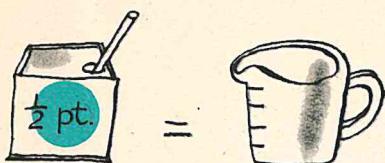


Month

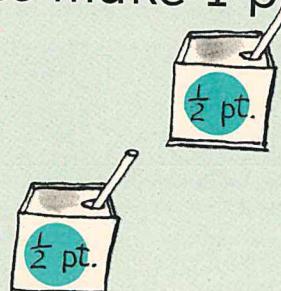
Year

Sunday   Monday   Tuesday   Wednesday   Thursday   Friday   Saturday

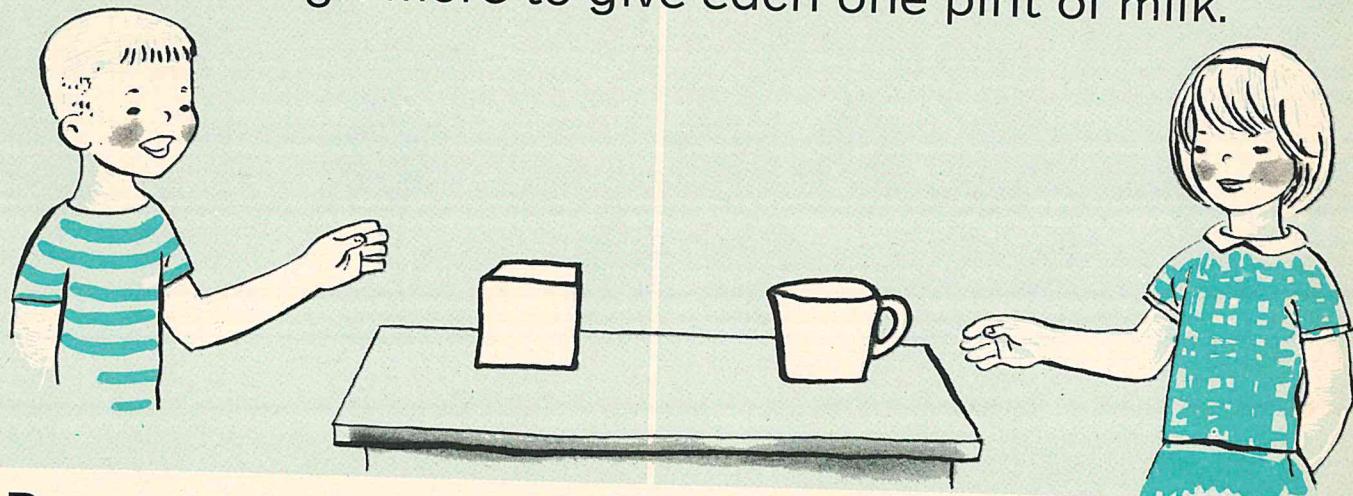




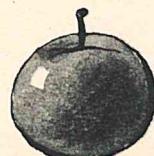
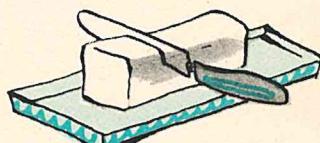
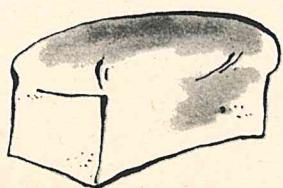
Draw a ring around enough to make 1 pint.



Draw enough more to give each one pint of milk.



Draw a ring around the things that can be bought by the pint.





— and — are —

— s and 7 s are 9 s. — + 7 = 9



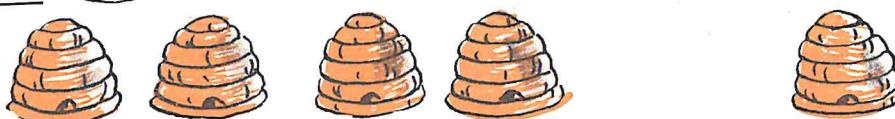
— and — are —

7 s and 2 s are — s. 7 + 2 = —



— and — are —

— and 8 s are 9 s. — + 8 = 9

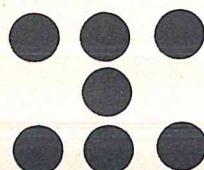


— and — are —

8 s and 1 s are — s. 8 + 1 = —

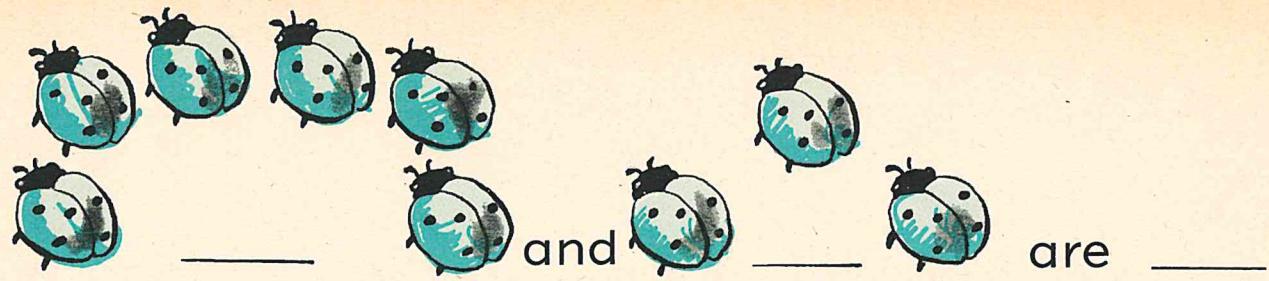
— and 1 are 9. — + 1 = 9

1 and — are 9. 1 + — = 9

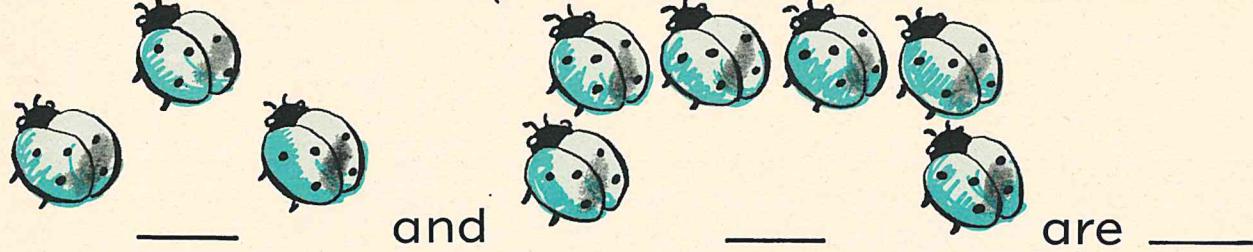


7 and — are 9. 7 + — = 9

2 and 7 are —. 2 + 7 = —



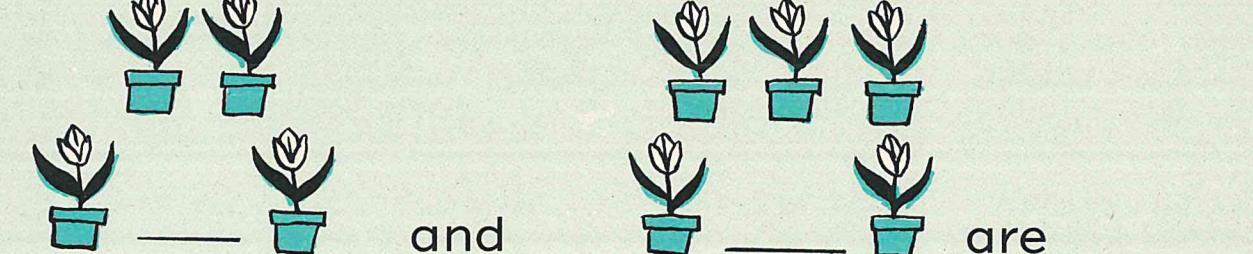
\_\_\_\_\_ s and 3 s are 9 s. \_\_\_\_\_ + 3 = 9



3 s and 6 s are \_\_\_\_\_ s. 3 + 6 = \_\_\_\_\_

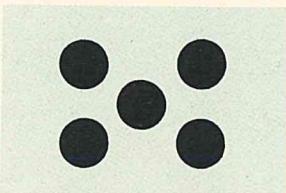


5 s and \_\_\_\_\_ s are 9 s. 5 + \_\_\_\_\_ = 9



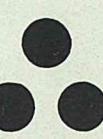
4 s and 5 s are \_\_\_\_\_ s. 4 + 5 = \_\_\_\_\_

5 and 4 are \_\_\_\_\_. 5 + 4 = \_\_\_\_\_

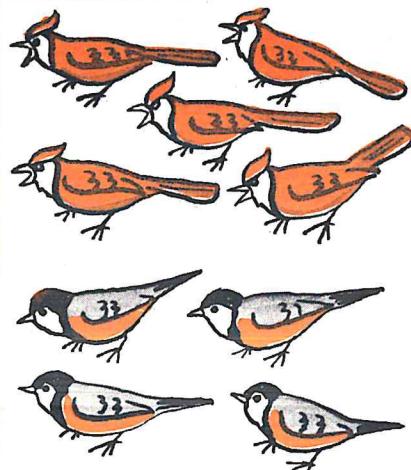
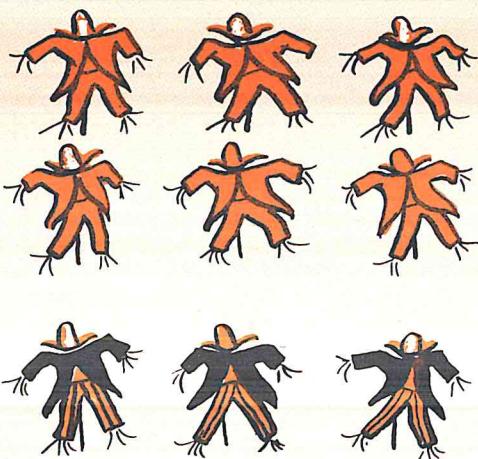
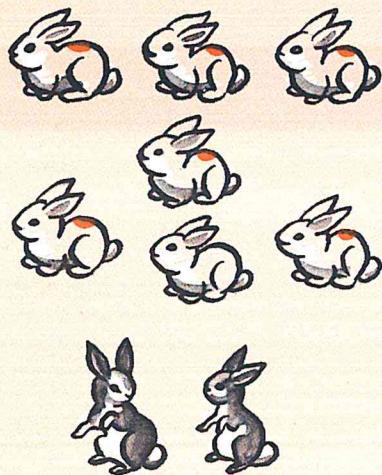
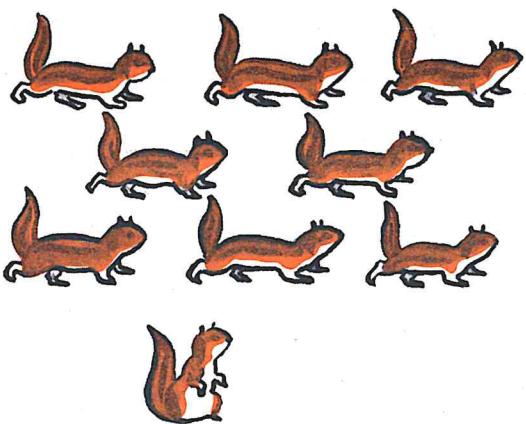


\_\_\_\_\_ and 5 are 9. \_\_\_\_\_ + 5 = 9

6 and \_\_\_\_\_ are 9. 6 + \_\_\_\_\_ = 9



\_\_\_\_\_ and 6 are 9. \_\_\_\_\_ + 6 = 9



$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

$$5 + \underline{\quad} = 9$$

$$7 + \underline{\quad} = 9$$

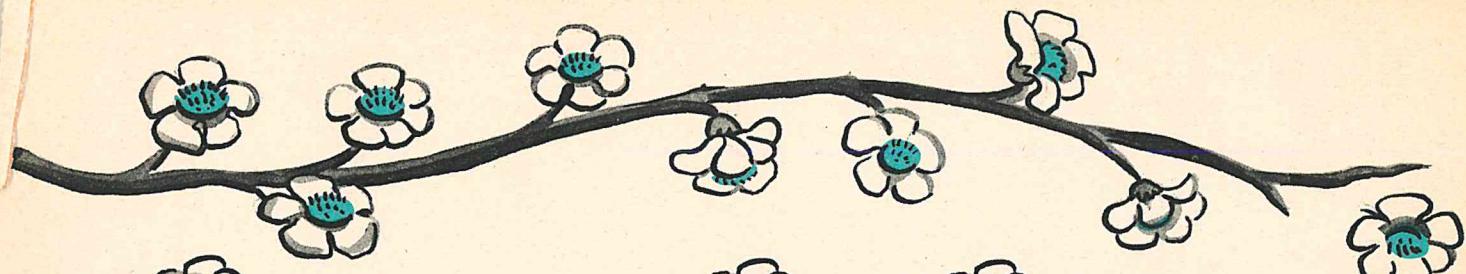
$$\underline{\quad} + 6 = 9$$

$1 + 4 + 3 = \underline{\quad}$

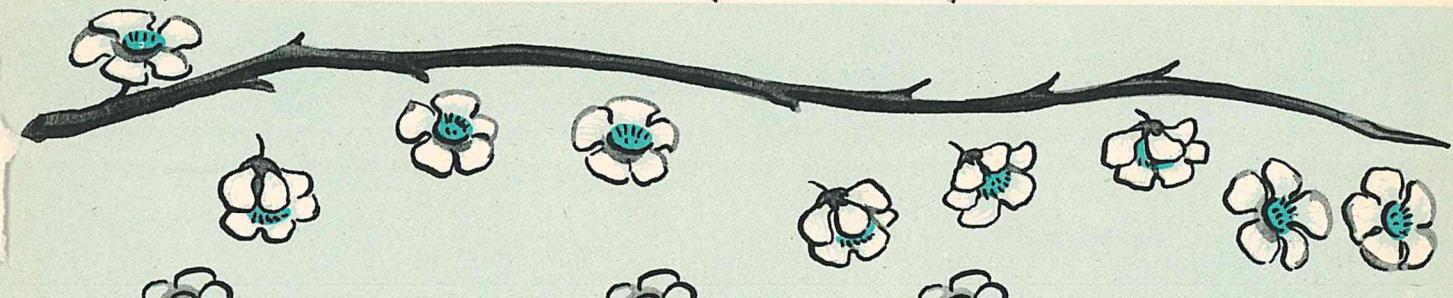
$2 + 5 + 2 = \underline{\quad}$

$\underline{\quad} + 3 + 4 = 9$

$1 + \underline{\quad} + 6 = 9$



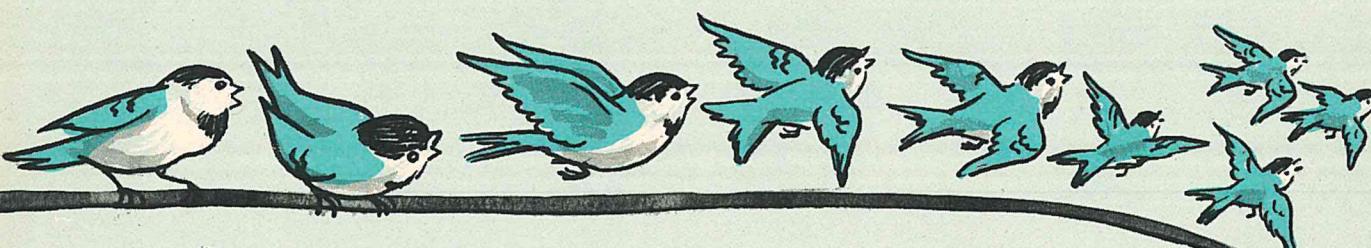
9 ⚡ s take away \_\_\_\_ ⚡ s is 8 ⚡ s.  $9 - \underline{\quad} = 8$



9 ⚡ s take away 8 ⚡ s is \_\_\_\_ ⚡ s.  $9 - 8 = \underline{\quad}$



— ⚡ s take away 2 ⚡ s is 7 ⚡ s.  $\underline{\quad} - 2 = 7$



9 ⚡ s take away \_\_\_\_ ⚡ s is 2 ⚡ s.  $9 - \underline{\quad} = 2$

— take away 1 is 8.  $\underline{\quad} - 1 = 8$



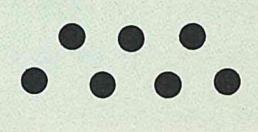
9 take away \_\_\_\_ is 1.  $9 - \underline{\quad} = 1$

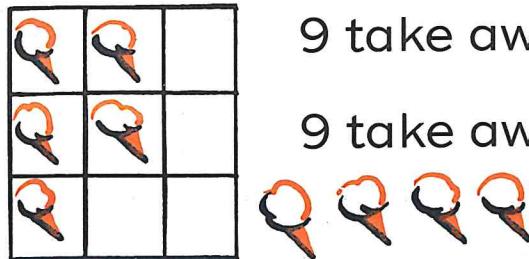
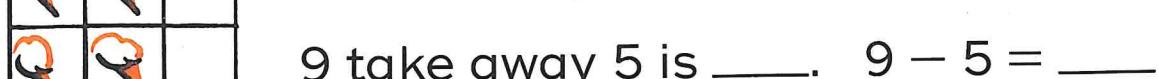
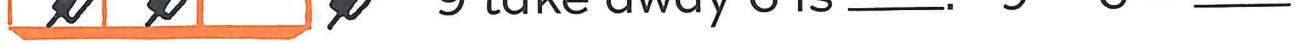
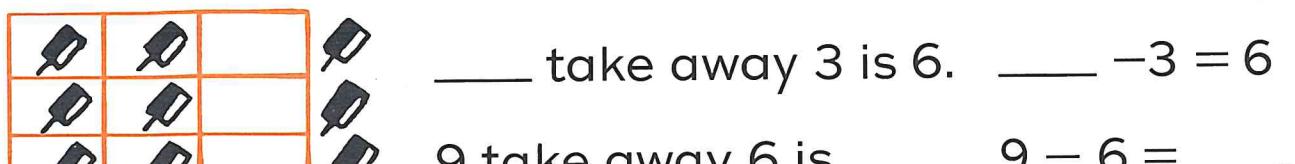
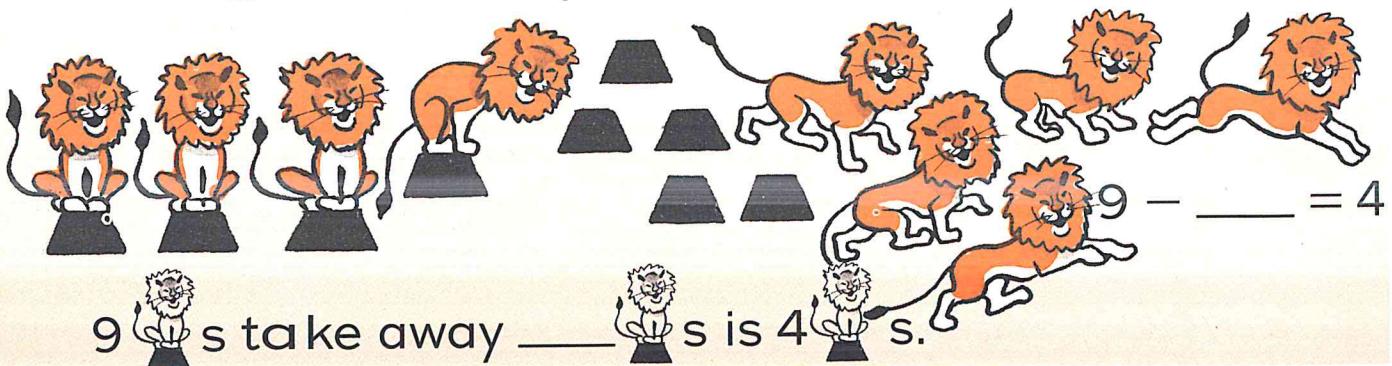
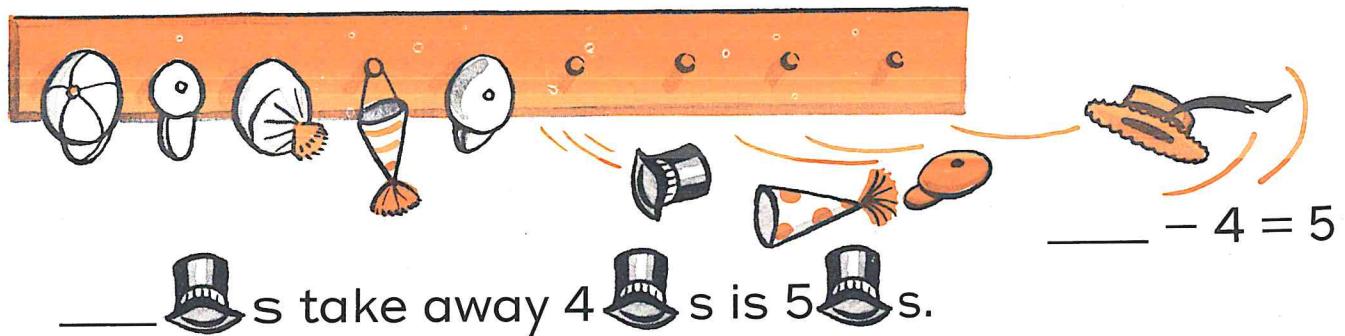
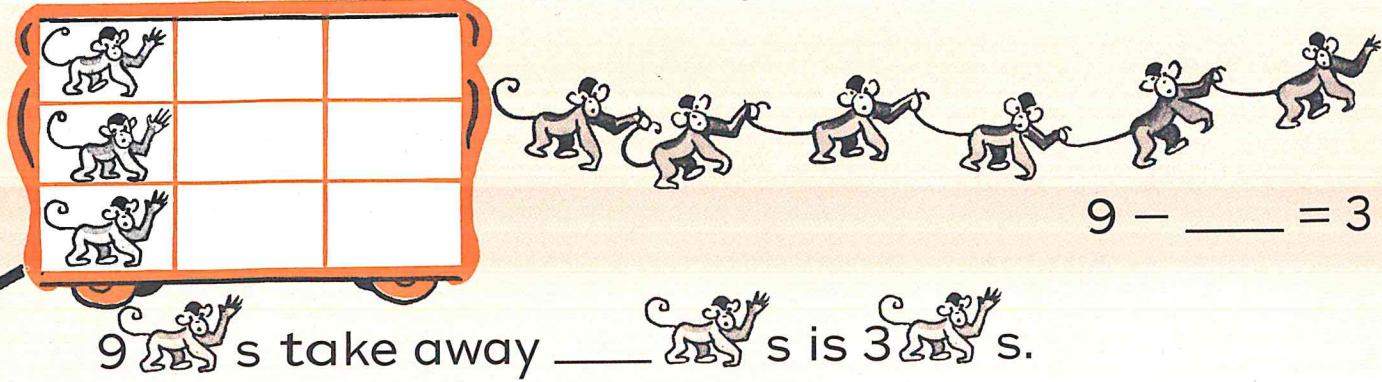
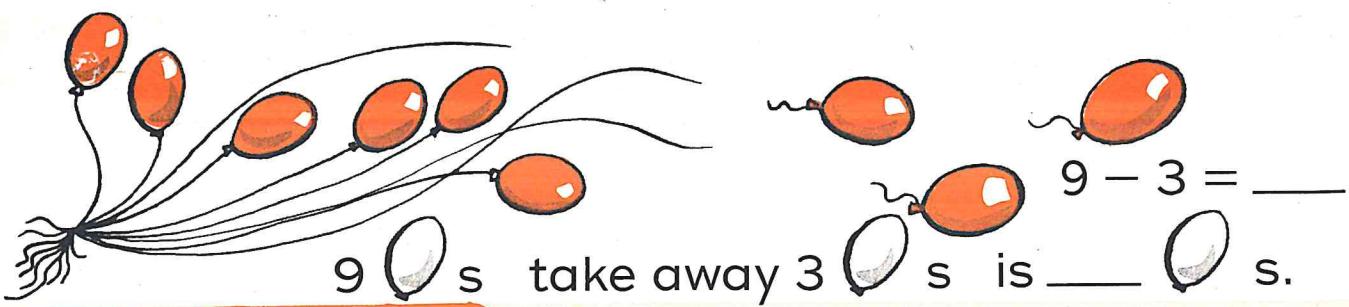


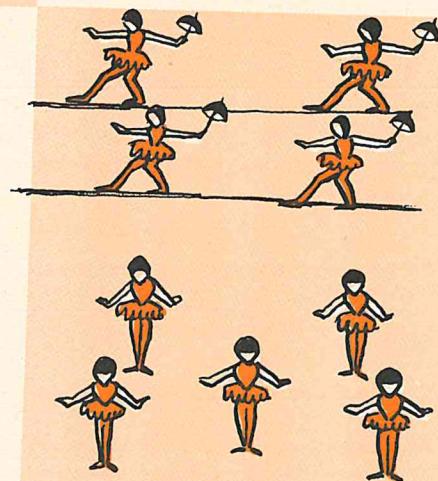
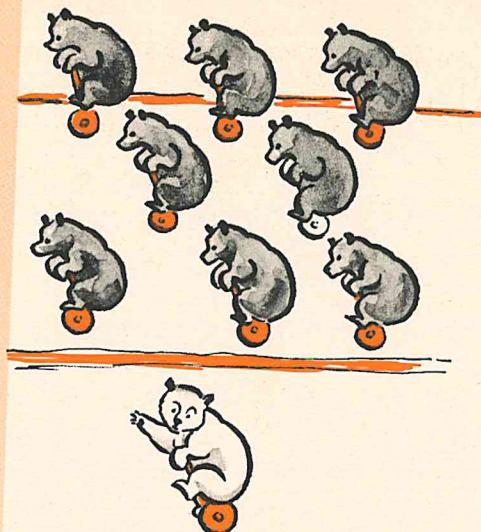
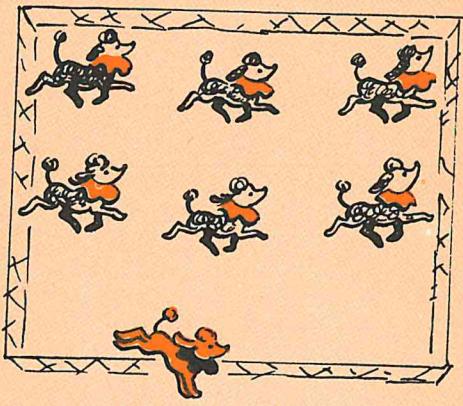
9 take away 2 is \_\_\_\_ .  $9 - 2 = \underline{\quad}$



9 take away \_\_\_\_ is 7.  $9 - \underline{\quad} = 7$







$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$9 - 1 = \underline{\quad}$$

$$8 - \underline{\quad} = 4$$

$$\underline{\quad} - 7 = 2$$

$$6 - \underline{\quad} = 1$$

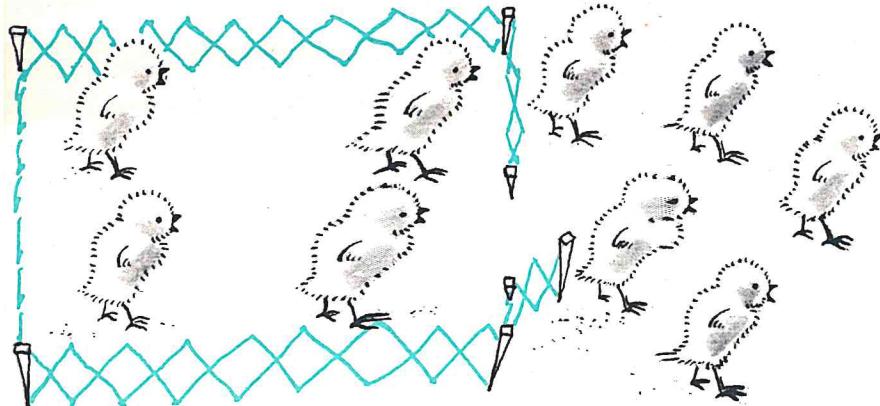
$$9 - 2 = \underline{\quad}$$

$$8 - \underline{\quad} = 5$$

$$\underline{\quad} - 6 = 2$$

$$7 - \underline{\quad} = 4$$

$$9 - 3 = \underline{\quad}$$

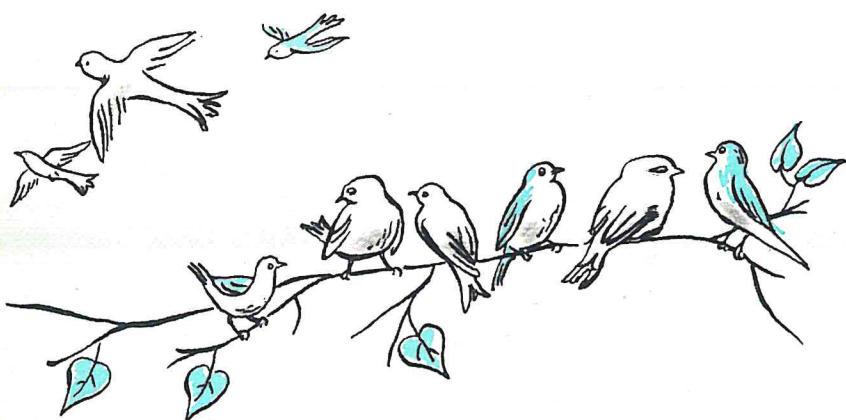


$$\begin{array}{r}
 5 \\
 + 4 \\
 \hline
 9
 \end{array}
 \quad
 \begin{array}{r}
 4 \\
 + 5 \\
 \hline
 9
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 - 5 \\
 \hline
 4
 \end{array}$$

5 chicks and \_\_\_ chicks are 9 chicks.  $5 + \underline{\hspace{1cm}} = 9$

$$\underline{\hspace{1cm}} - 5 = 4$$

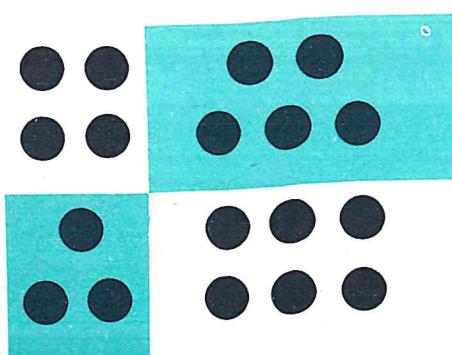
\_\_\_ chicks take away 5 chicks is 4 chicks.



$$\begin{array}{r}
 6 \\
 + 3 \\
 \hline
 9
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 + 6 \\
 \hline
 9
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 - 6 \\
 \hline
 3
 \end{array}$$

\_\_\_ birds and 6 birds are 9 birds.  $\underline{\hspace{1cm}} + 6 = 9$

9 birds take away \_\_\_ birds is 6 birds.  $9 - \underline{\hspace{1cm}} = 6$



\_\_\_ and 5 are 9.  $\underline{\hspace{1cm}} + 5 = 9$

\_\_\_ take away 4 is 5.  $\underline{\hspace{1cm}} - 4 = 5$

6 and \_\_\_ are 9.  $6 + \underline{\hspace{1cm}} = 9$

9 take away \_\_\_ is 3.  $9 - \underline{\hspace{1cm}} = 3$

$$\begin{array}{cccc} 8 & 1 & 9 & 9 \\ +1 & +8 & -8 & -1 \\ \hline \end{array}$$



$$1 + \underline{\quad} = 9$$



1 duck and

$\underline{\quad}$

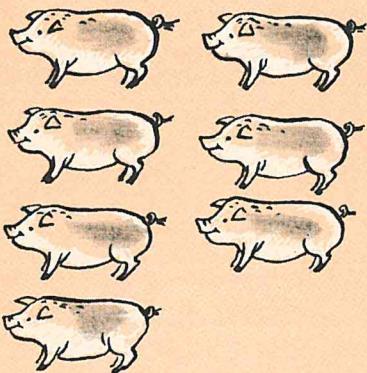


ducks are 9 ducks.



$$\underline{\quad} - 1 = 8$$

$\underline{\quad}$  ducks take away 1 duck is 8 ducks.



$$\begin{array}{cccc} 2 & 7 & 9 & 9 \\ +7 & +2 & -7 & -2 \\ \hline \end{array}$$



$$\underline{\quad} + 2 = 9$$

$\underline{\quad}$  pigs and two pigs are 9 pigs.

9 pigs take away  $\underline{\quad}$  pigs is 2 pigs.  $9 - \underline{\quad} = 2$

9 take away  $\underline{\quad}$  is 1.  $9 - \underline{\quad} = 1$

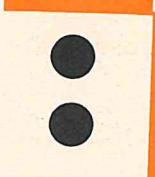


$\underline{\quad}$  and 1 are 9.

$$\underline{\quad} + 1 = 9$$

2 and  $\underline{\quad}$  are 9.

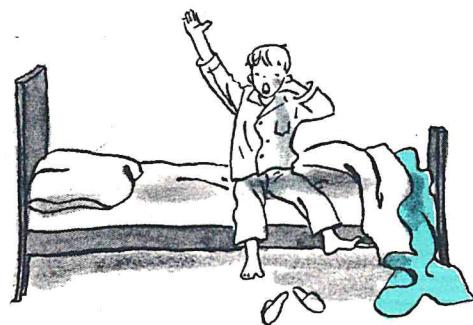
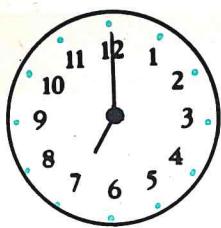
$$2 + \underline{\quad} = 9$$



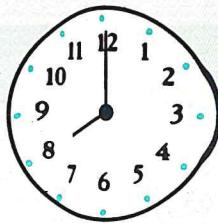
$\underline{\quad}$  take away 2 is 7.

$$\underline{\quad} - 2 = 7$$

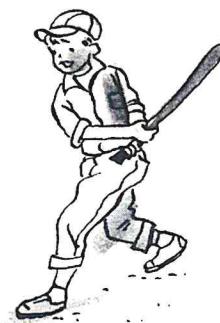
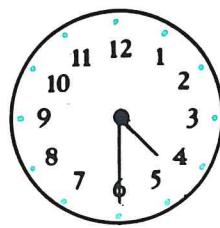
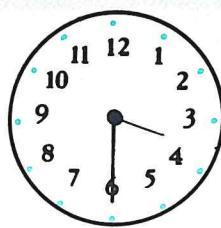




— o'clock

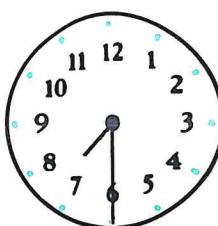


— o'clock



Half past —

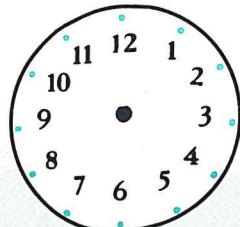
Half past —



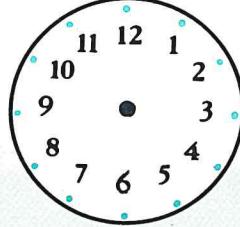
Half past —

Half past —

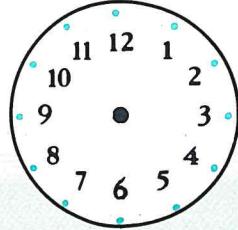
2 o'clock



Half past 2



Half past 9





cents



cents

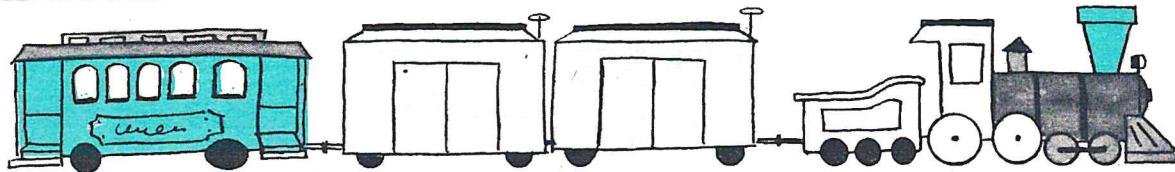
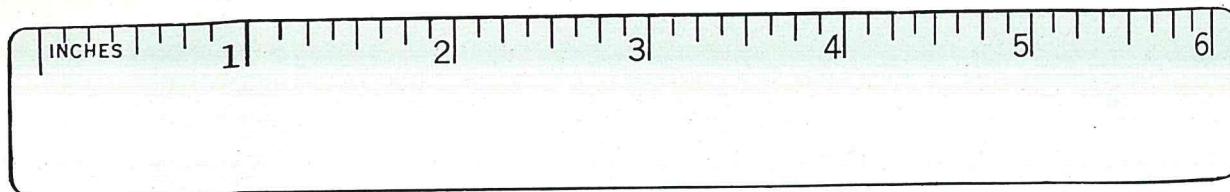


cents

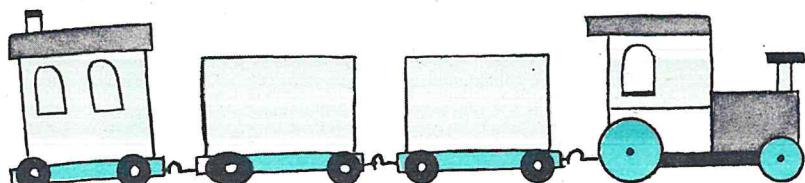


cents

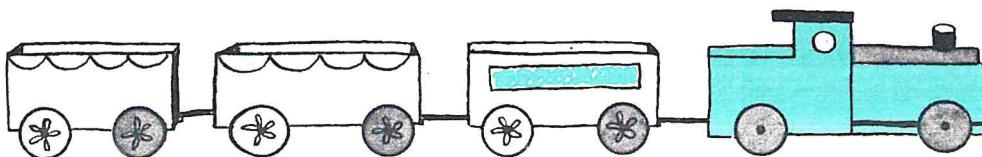




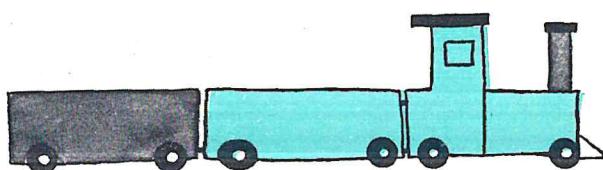
\_\_\_\_\_ inches



\_\_\_\_\_ inches



\_\_\_\_\_ inches

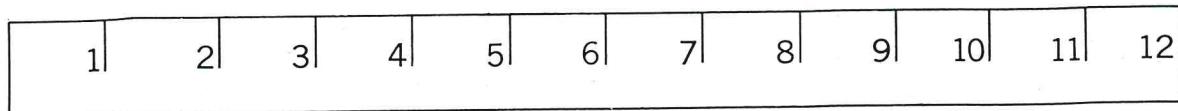


\_\_\_\_\_ inches

Draw a line 1 inch long.

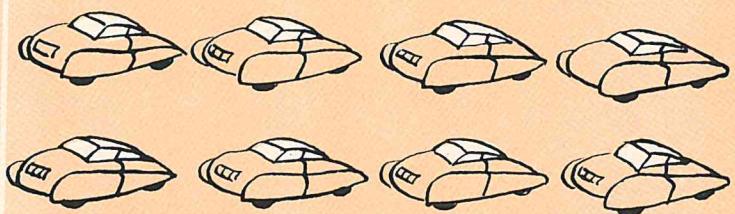
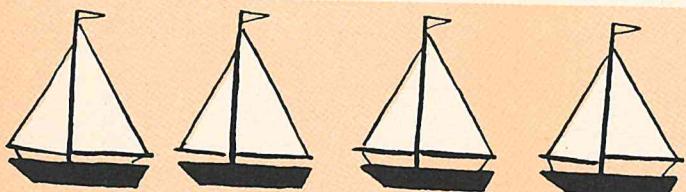
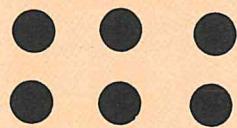
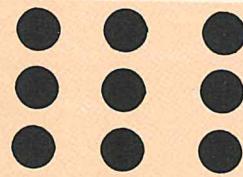
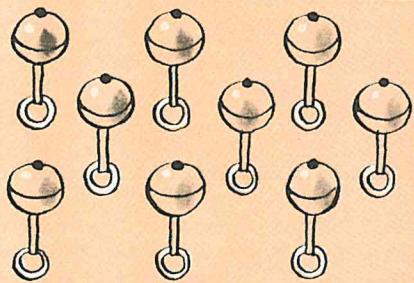
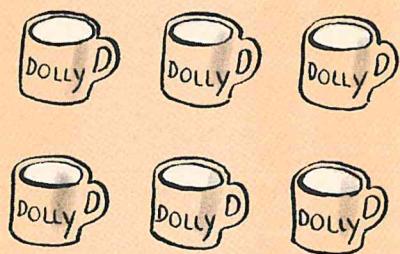
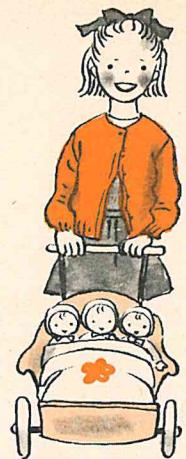
Draw a line 3 inches long.

Draw a line 2 inches long.



This bar is marked like a foot ruler.

A foot ruler is 12 inches long. 1 foot = \_\_\_\_\_ inches



283 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones

903 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones

847 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones

432 = \_\_\_\_ hundreds, \_\_\_\_ tens, and \_\_\_\_ ones



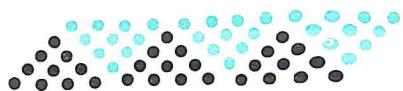
• 91 = \_\_\_\_ tens and \_\_\_\_ ones



... 83 = \_\_\_\_ tens and \_\_\_\_ ones



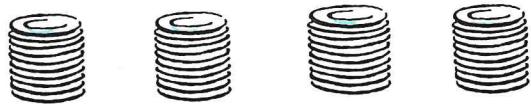
30 = \_\_\_\_ tens and \_\_\_\_ ones



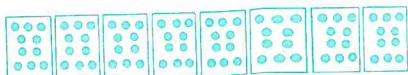
• . 67 = \_\_\_\_ tens and \_\_\_\_ ones

4 hundreds, 3 tens, and 0 ones = \_\_\_\_\_

6 hundreds, 0 tens, and 8 ones = \_\_\_\_\_



4 tens, and 0 ones = \_\_\_\_\_



..... 8 tens, and 5 ones = \_\_\_\_\_



6 tens, and 4 ones = \_\_\_\_\_

8 hundreds, 4 tens, and 6 ones = \_\_\_\_\_

9 hundreds, 1 ten, and 3 ones = \_\_\_\_\_

1 hundred, 0 tens, and 1 one = \_\_\_\_\_

$$\begin{array}{r}
 1 & 2 & 5 & 4 & 2 & 3 & 4 & 8 \\
 +8 & +6 & +4 & +3 & +7 & +3 & +1 & +1 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2 & 7 & 6 & 4 & 7 & 2 & 5 & 4 \\
 +3 & +2 & +1 & +5 & +1 & +5 & +3 & +2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8 & 7 & 9 & 9 & 6 & 7 & 8 & 5 \\
 -1 & -4 & -7 & -3 & -1 & -6 & -5 & -2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 7 & 8 & 9 & 8 & 7 & 9 & 5 & 9 \\
 -2 & -4 & -5 & -6 & -5 & -4 & -3 & -6 \\
 \hline
 \end{array}$$

$$6 + 3 = \underline{\quad}$$

$$4 + 4 = \underline{\quad}$$

$$1 + 5 = \underline{\quad}$$

$$9 - 1 = \underline{\quad}$$

$$8 - 3 = \underline{\quad}$$

$$8 - 7 = \underline{\quad}$$

$$6 - 3 = \underline{\quad}$$

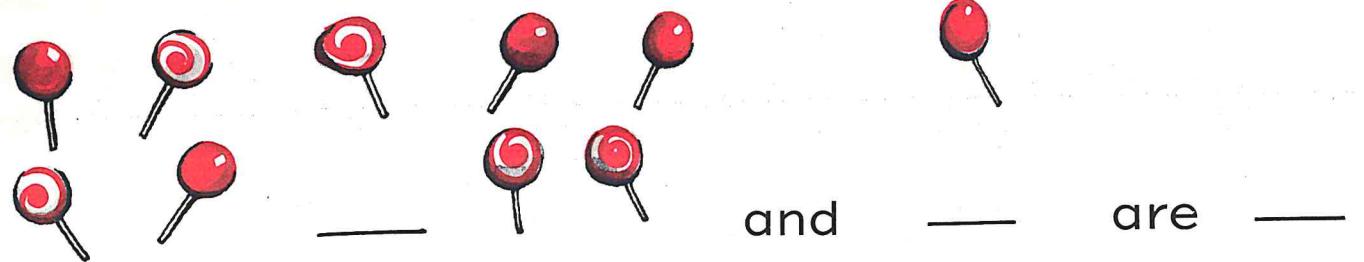
$$1 + 6 = \underline{\quad}$$

$$5 - 4 = \underline{\quad}$$

★  $1 + 4 + 3 = \underline{\quad}$

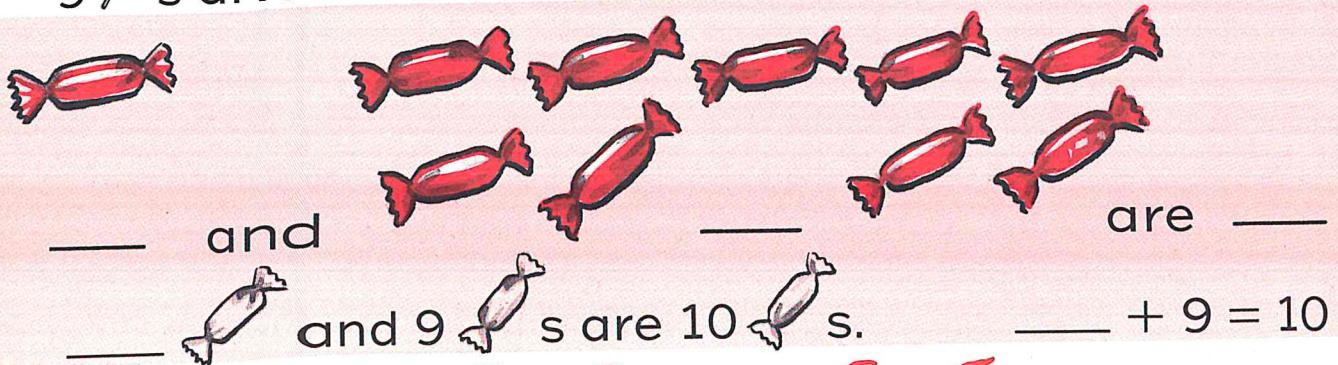
$$6 + 2 + 1 = \underline{\quad}$$

$$2 + 2 + 3 = \underline{\quad}$$



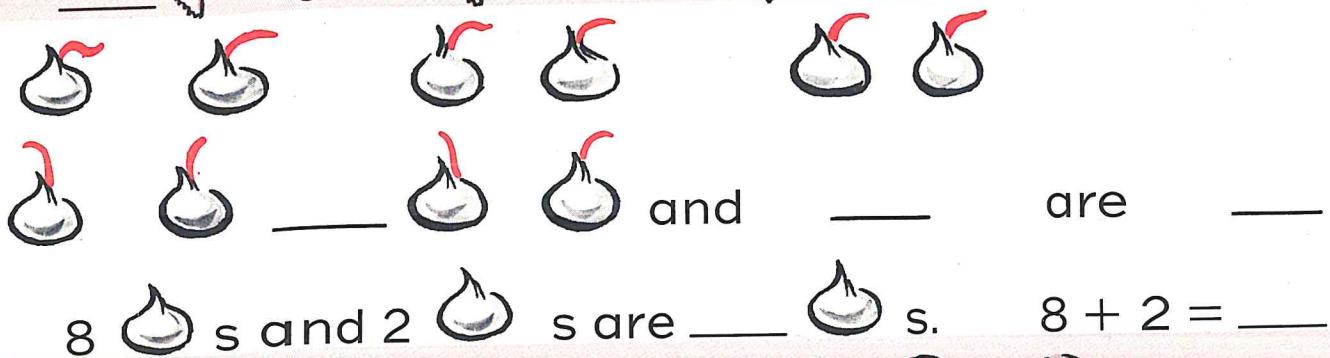
— and — are —

9 s and — are 10 s.  $9 + \underline{\quad} = 10$



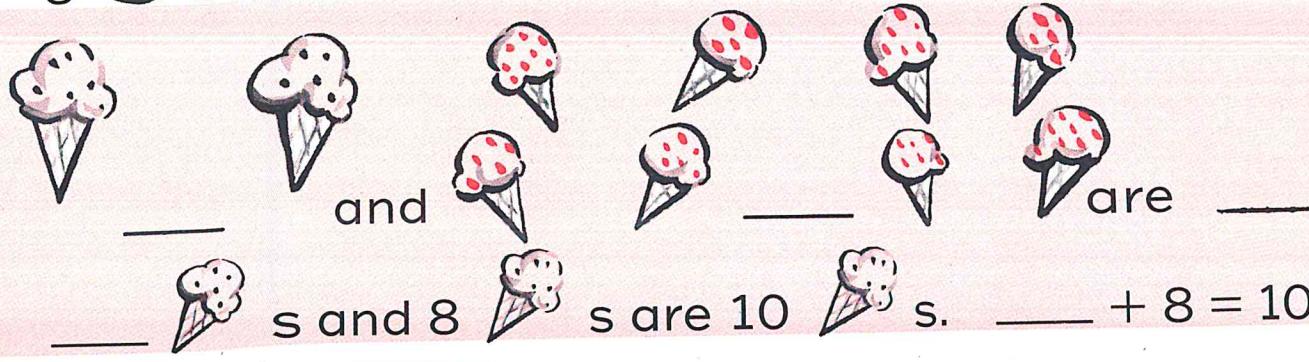
— and — are —

— and 9 s are 10 s.  $\underline{\quad} + 9 = 10$



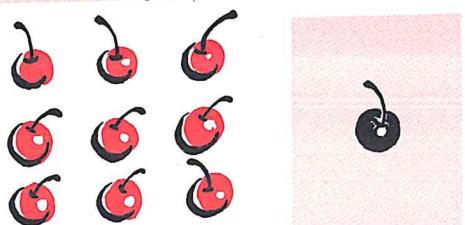
— and — are —

8 s and 2 s are — s.  $8 + 2 = \underline{\quad}$



— and — are —

— s and 8 s are 10 s.  $\underline{\quad} + 8 = 10$



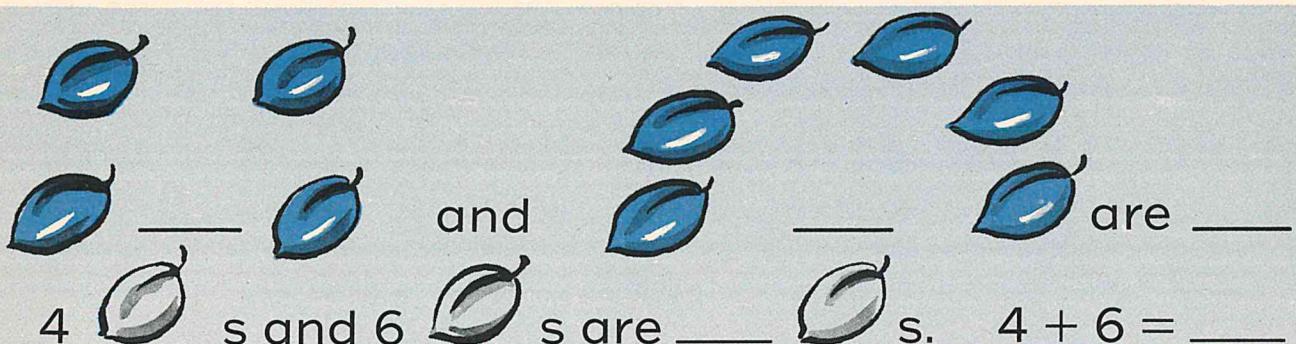
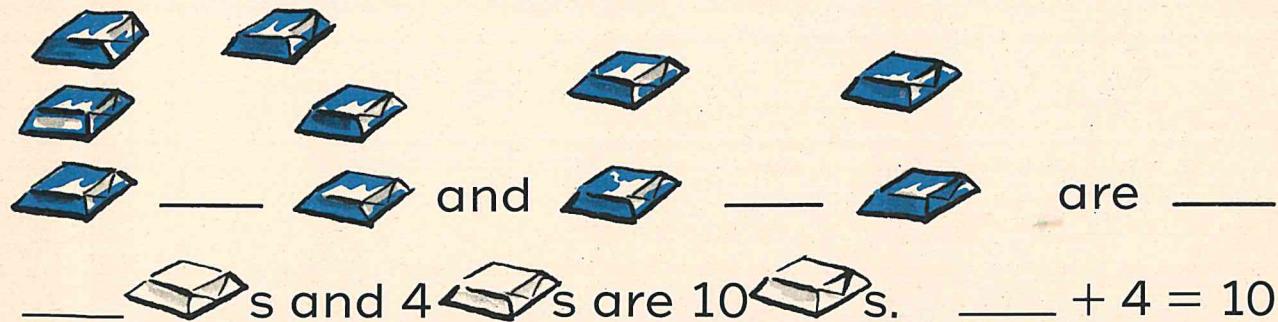
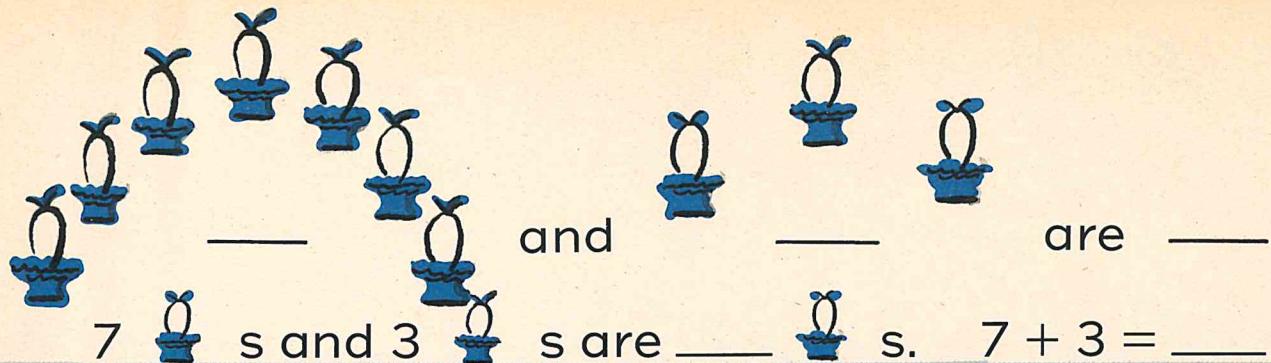
9 and 1 are —.  $9 + 1 = \underline{\quad}$

1 and — are 10.  $1 + \underline{\quad} = 10$

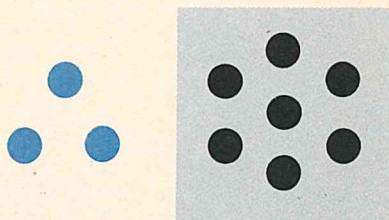


— and 2 are 10.  $\underline{\quad} + 2 = 10$

2 and 8 are —.  $2 + 8 = \underline{\quad}$

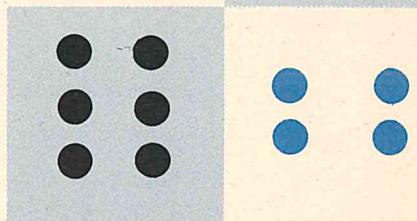


3 and 7 are —.  $3 + 7 =$  —

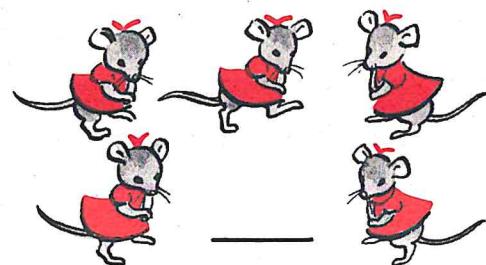
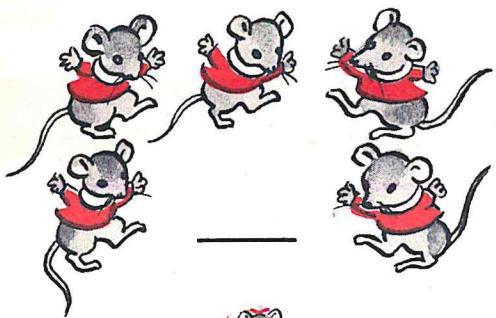


— and 3 are 10.  $— + 3 = 10$

6 and — are 10.  $6 +$  — = 10



4 and — are 10.  $4 +$  — = 10

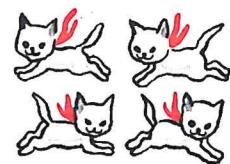
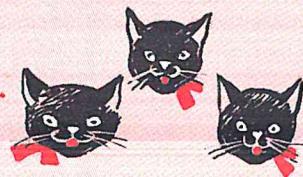
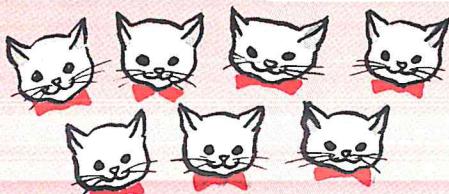
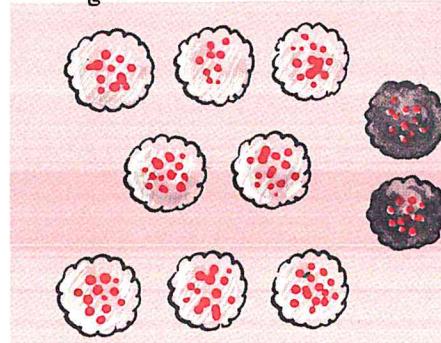
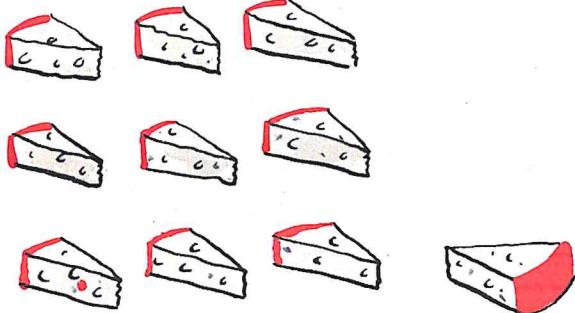


and



are

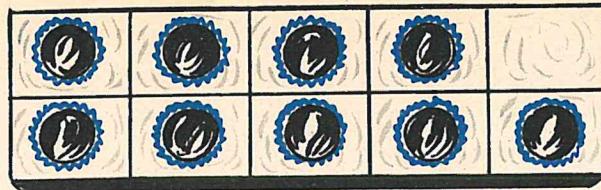
5 and are 10 . Two 5's are \_\_\_\_\_.



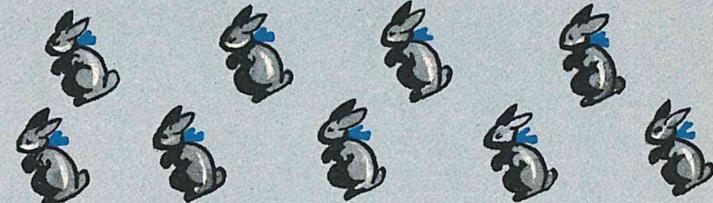
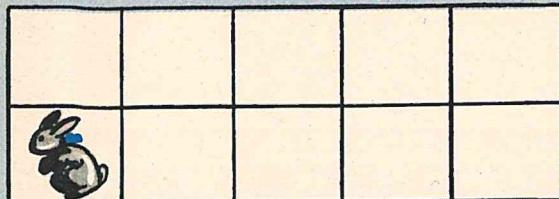
$$\begin{array}{r}
 1 & 3 & 4 & 3 & 8 & 6 & 4 & 3 \\
 +9 & +5 & +6 & +4 & +2 & +4 & +5 & +7 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 7 & 5 & 1 & 2 & 2 & 5 & 5 & 9 \\
 +3 & +4 & +8 & +8 & +3 & +5 & +3 & +1 \\
 \hline
\end{array}$$

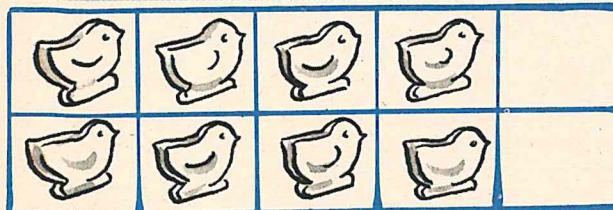
★  $5 + 4 + 1 = \underline{\quad}$   $2 + 6 + 1 = \underline{\quad}$   $4 + 4 + \underline{\quad} = 10$



10 s take away 1 is \_\_\_\_ s.  $10 - 1 = \underline{\hspace{2cm}}$

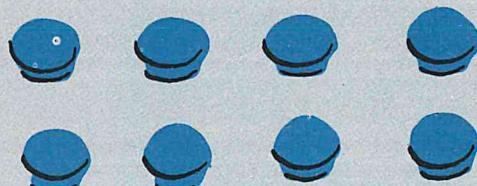
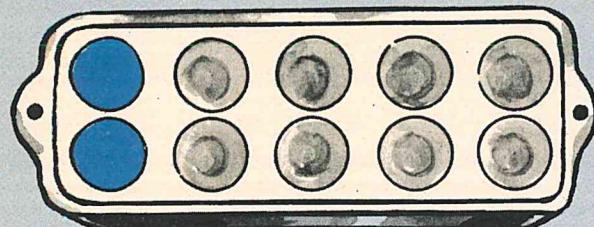


s take away 9 s is 1 s.  $\underline{\hspace{2cm}} - 9 = 1$



$10 - \underline{\hspace{2cm}} = 8$

10 s take away s is 8 s.



$10 - \underline{\hspace{2cm}} = 2$

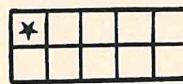
10 s take away s is 2 s.



take away 1 is 9.  $\underline{\hspace{2cm}} - 1 = 9$



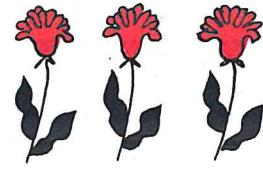
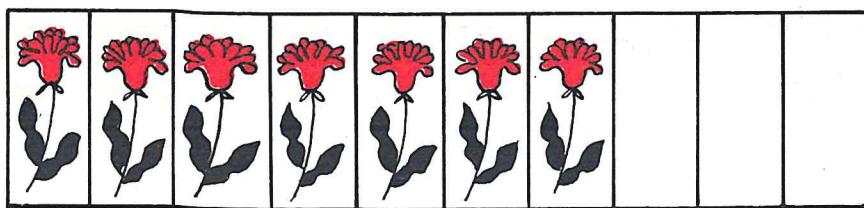
take away 8 is 2.  $\underline{\hspace{2cm}} - 8 = 2$



10 take away is 1.  $10 - \underline{\hspace{2cm}} = 1$

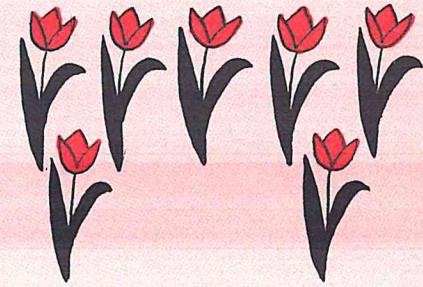
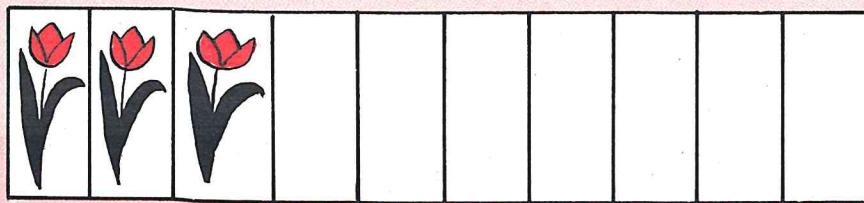


10 take away 2 is \_\_\_\_ .  $10 - 2 = \underline{\hspace{2cm}}$



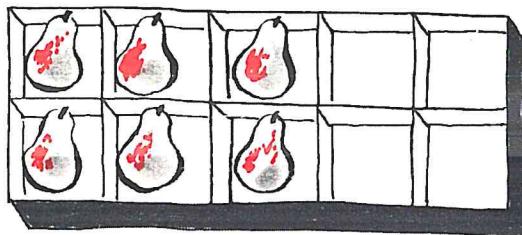
10 s take away \_\_\_ s is 7 s.

$$10 - \underline{\quad} = 7$$



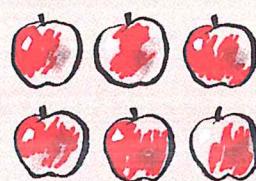
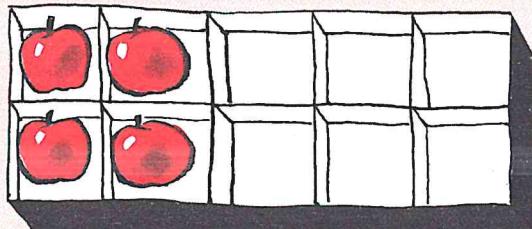
\_\_\_ s take away 7 s is 3 s.

$$\underline{\quad} - 7 = 3$$



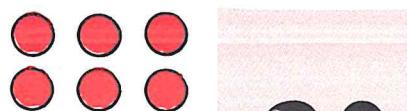
$$10 - \underline{\quad} = 6$$

10 s take away \_\_\_ s is 6 s.

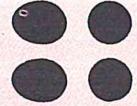


$$10 - \underline{\quad} = 4$$

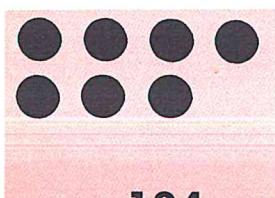
10 s take away \_\_\_ s is 4 s.



\_\_\_ take away 4 is 6.  $\underline{\quad} - 4 = 6$

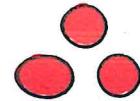


\_\_\_ take away 6 is 4.  $\underline{\quad} - 6 = 4$



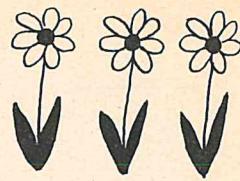
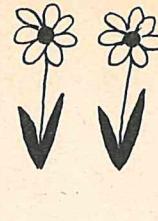
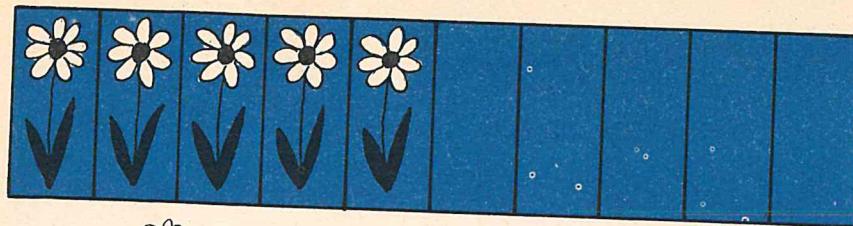
10 take away 3 is \_\_\_\_.

$$10 - 3 = \underline{\quad}$$

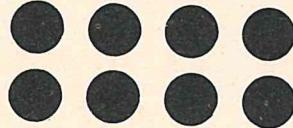
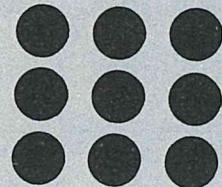
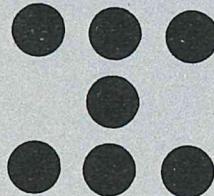
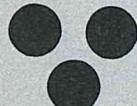
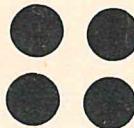
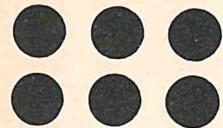


10 take away \_\_\_ is 3.

$$10 - \underline{\quad} = 3$$



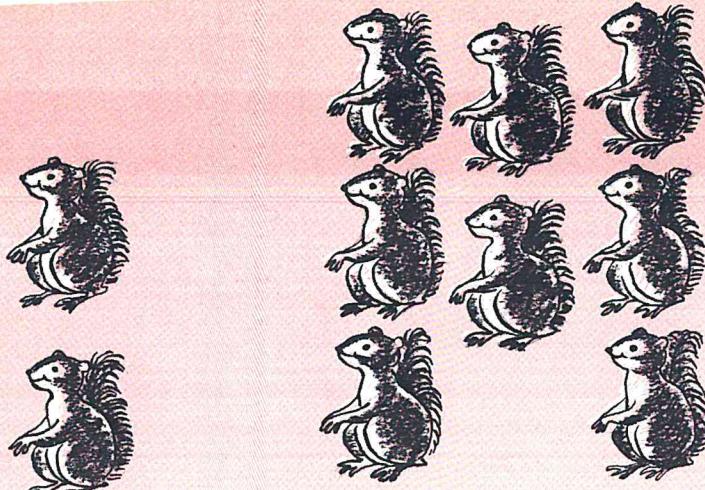
$\underline{\quad}$  s take away 5  $\downarrow$  s is 5  $\downarrow$   $\underline{\quad} - 5 = 5$



$$\begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array} \quad \begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

\*  $2 + 7 + 1 = \underline{\quad}$     $6 + 1 + 2 = \underline{\quad}$     $2 + \underline{\quad} + 5 = 10$



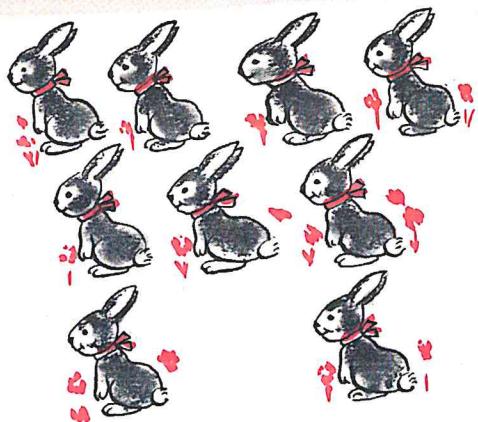
$$\begin{array}{r}
 8 \\
 +2 \\
 \hline
\end{array}
 \quad
 \begin{array}{r}
 2 \\
 +8 \\
 \hline
\end{array}
 \quad
 \begin{array}{r}
 10 \\
 -8 \\
 \hline
\end{array}
 \quad
 \begin{array}{r}
 10 \\
 -2 \\
 \hline
\end{array}$$

$$2 + \underline{\quad} = 10$$

2 squirrels and  $\underline{\quad}$  squirrels are 10 squirrels.

$$\underline{\quad} - 2 = 8$$

$\underline{\quad}$  squirrels take away 2 squirrels is 8 squirrels.



$$\begin{array}{r}
 9 \\
 +1 \\
 \hline
\end{array}
 \quad
 \begin{array}{r}
 1 \\
 +9 \\
 \hline
\end{array}
 \quad
 \begin{array}{r}
 10 \\
 -9 \\
 \hline
\end{array}
 \quad
 \begin{array}{r}
 10 \\
 -1 \\
 \hline
\end{array}$$

$$\underline{\quad} + 1 = 10$$

$\underline{\quad}$  rabbits and 1 rabbit are 10 rabbits.

$$10 - \underline{\quad} = 1$$

10 rabbits take away  $\underline{\quad}$  rabbits is 1 rabbit.



$\underline{\quad}$  and 2 are 10.

$$\underline{\quad} + 2 = 10$$



$\underline{\quad}$  take away 8 is 2.

$$\underline{\quad} - 8 = 2$$



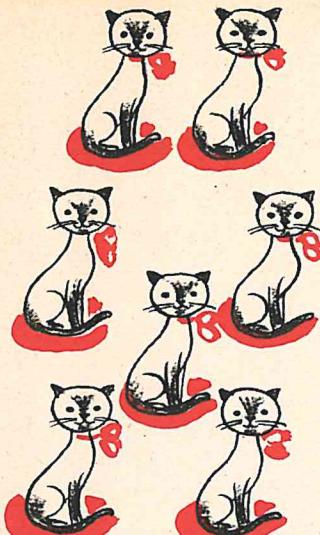
1 and  $\underline{\quad}$  are 10.

$$1 + \underline{\quad} = 10$$

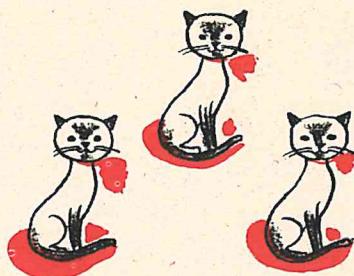


10 take away  $\underline{\quad}$  is 9.

$$10 - \underline{\quad} = 9$$



$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$$

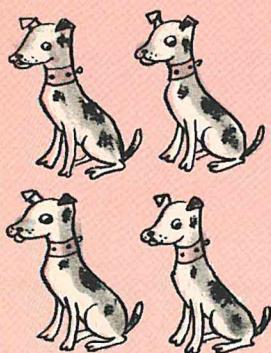


$$7 + \underline{\quad} = 10$$

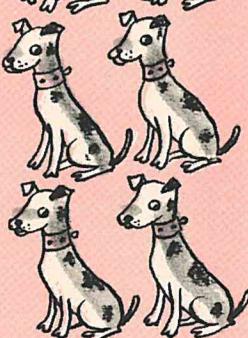
7 cats and

       cats are 10 cats.

       cats take away 7 cats are 3 cats.        - 7 = 3



$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$$



$$\underline{\quad} + 6 = 10$$

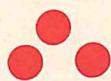
       dogs and 6 dogs are 10 dogs.

10 dogs take away        dogs is 6 dogs.        - 6 = 6

10 take away        is 7.        -        = 7

       and 7 are 10.

$$\underline{\quad} + 7 = 10$$



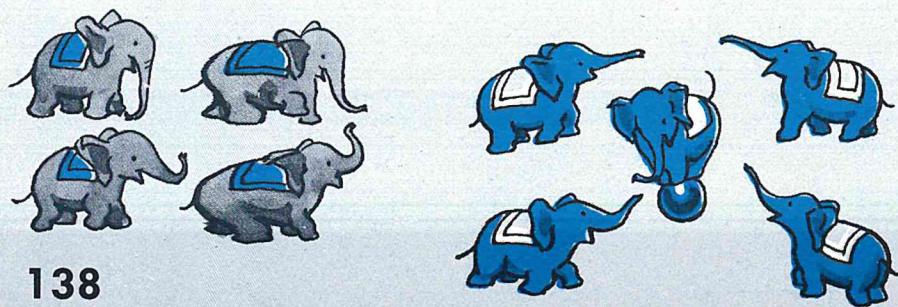
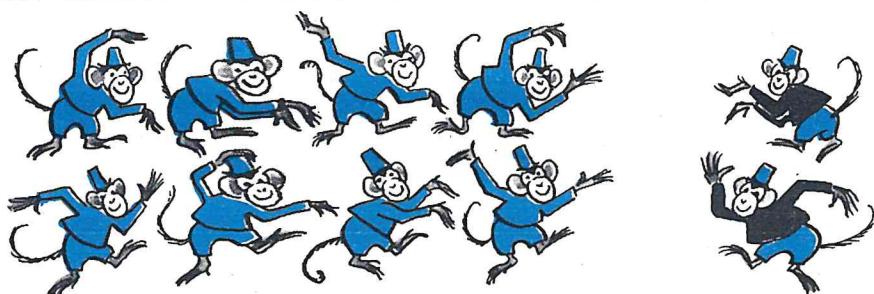
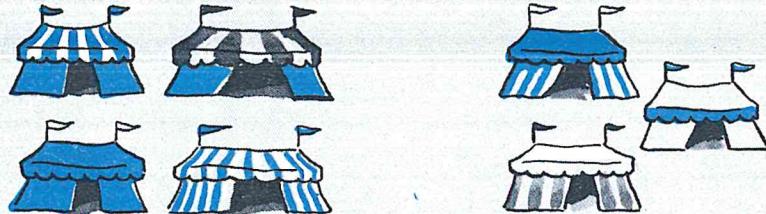
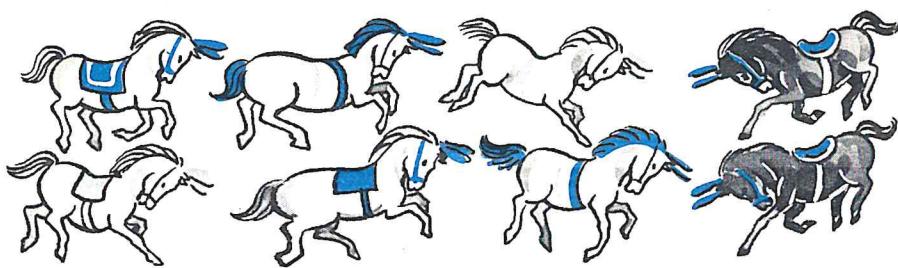
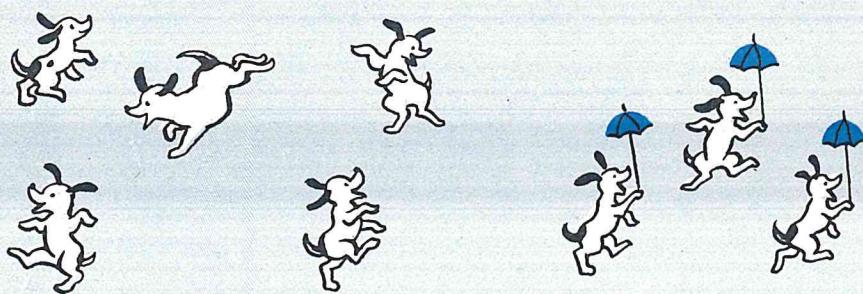
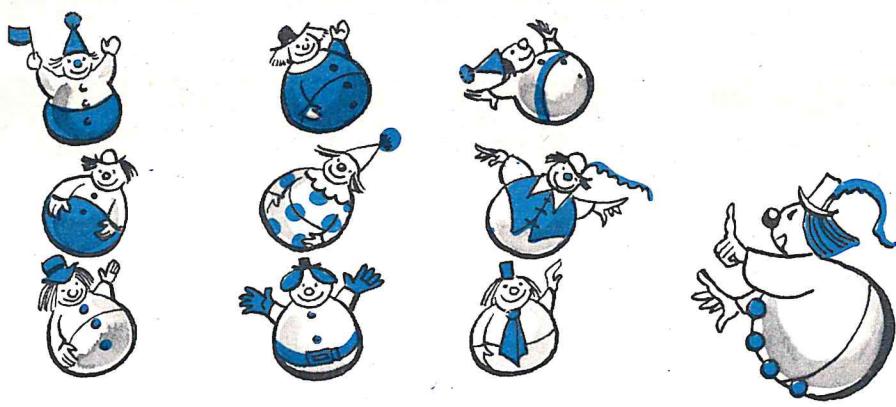
6 and        are 10.

$$6 + \underline{\quad} = 10$$



       take away 6 is 4.

$$\underline{\quad} - 6 = 4$$



$$\begin{array}{r}
 8 & 3 & 4 & 7 & 1 & 5 & 4 & 5 \\
 +2 & +6 & +3 & +1 & +8 & +1 & +4 & +4 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 4 & 9 & 6 & 3 & 3 & 6 & 2 & 5 \\
 +6 & +1 & +2 & +7 & +5 & +1 & +7 & +2 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 10 & 9 & 8 & 7 & 10 & 6 & 6 & 9 \\
 -1 & -8 & -5 & -2 & -2 & -1 & -3 & -6 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 9 & 10 & 8 & 7 & 6 & 10 & 8 & 7 \\
 -4 & -7 & -4 & -3 & -4 & -5 & -2 & -1 \\
 \hline
\end{array}$$

$$3 + 3 = \underline{\quad}$$

$$2 + 4 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$

$$9 - 7 = \underline{\quad}$$

$$10 - 6 = \underline{\quad}$$

$$8 - 1 = \underline{\quad}$$

$$6 + 3 = \underline{\quad}$$

$$2 + 8 = \underline{\quad}$$

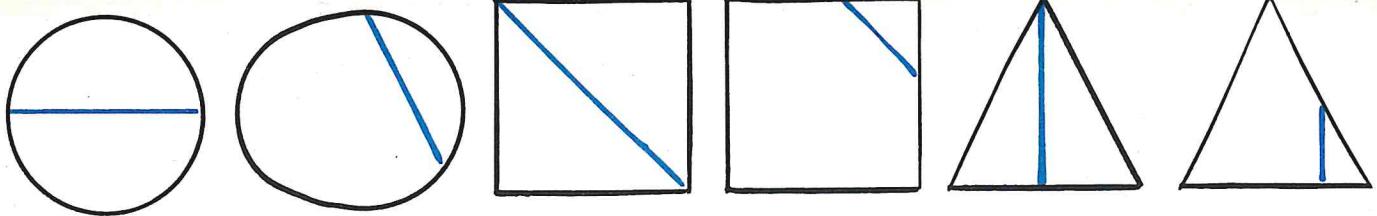
$$9 - 5 = \underline{\quad}$$



$$\underline{\quad} + 1 + 5 = 10$$

$$*2 + 7 + 1 = \underline{\quad}$$

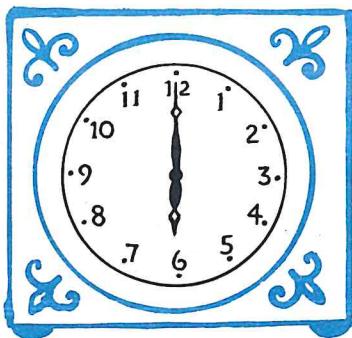
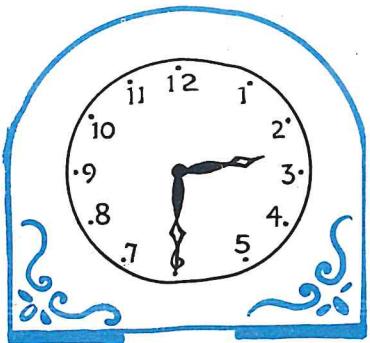
$$2 + \underline{\quad} + 2 = 9$$



1 hundred, 3 tens, and 4 ones \_\_\_\_\_

4 hundreds, 2 tens, and 3 ones \_\_\_\_\_

8 tens and 1 one \_\_\_\_\_ 4 tens and 2 ones \_\_\_\_\_



141 157 129 138

160 263 148 579

Half past \_\_\_\_\_ o'clock

$$2 + 4 = \underline{\quad}$$

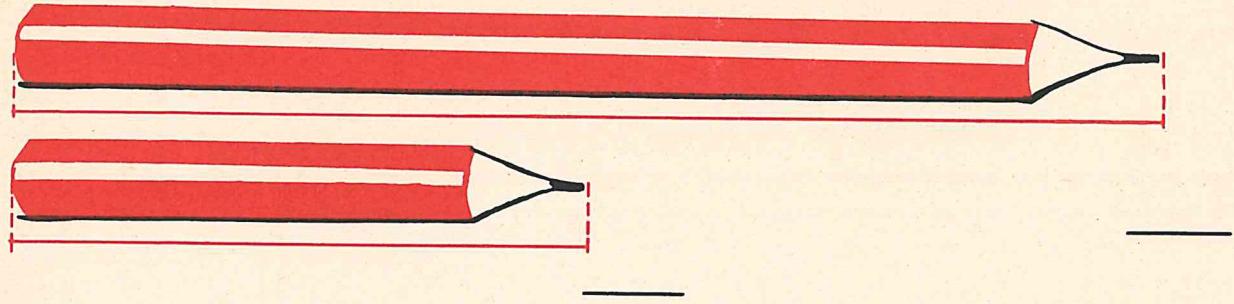
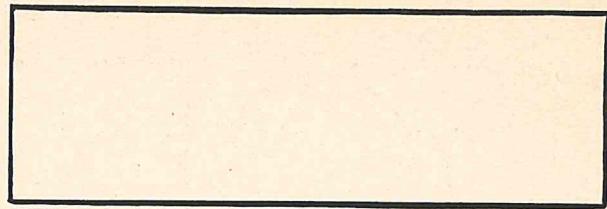
$$5 - 3 = \underline{\quad}$$

$$2 + \underline{\quad} = 8$$

$$6 - \underline{\quad} = 1$$

$$\underline{\quad} + 6 = \underline{\quad}$$

$$\underline{\quad} - 3 = 3$$



$$7 + \underline{\quad} = 10 \quad \underline{\quad} - 4 = 5 \quad 4 + \underline{\quad} = 8$$

<u>7</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>8</u>	<u>3</u>	<u>5</u>	<u>5</u>
<u>+2</u>	<u>+9</u>	<u>+5</u>	<u>+3</u>	<u>+2</u>	<u>+3</u>	<u>+1</u>	<u>+5</u>

<u>10</u>	<u>8</u>	<u>6</u>	<u>5</u>	<u>7</u>	<u>10</u>	<u>9</u>	<u>8</u>
<u>-5</u>	<u>-6</u>	<u>-2</u>	<u>-1</u>	<u>-4</u>	<u>-8</u>	<u>-1</u>	<u>-3</u>

<u>6</u>	<u>2</u>	<u>7</u>	<u>5</u>	<u>1</u>	<u>5</u>	<u>8</u>	<u>6</u>
<u>+4</u>	<u>+3</u>	<u>+1</u>	<u>+3</u>	<u>+4</u>	<u>+4</u>	<u>+1</u>	<u>+3</u>

<u>8</u>	<u>10</u>	<u>9</u>	<u>8</u>	<u>7</u>	<u>10</u>	<u>9</u>	<u>7</u>
<u>-5</u>	<u>-3</u>	<u>-3</u>	<u>-4</u>	<u>-2</u>	<u>-4</u>	<u>-7</u>	<u>-3</u>

★  $2 + 4 + 3 = \underline{\quad}$   $2 + 3 + \underline{\quad} = 10$   $1 + \underline{\quad} + 4 = 8$



$$11 \text{ birds} + 5 \text{ birds} = \underline{\hspace{2cm}} \text{ birds}$$

1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17

$$10 \text{ children} + 7 \text{ children} = \underline{\hspace{2cm}} \text{ children}$$

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

$$10 \text{ chairs} + 6 \text{ chairs} = \underline{\hspace{2cm}} \text{ chairs}$$

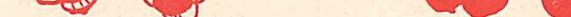
1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17

$$12 \text{ pencils} + 4 \text{ pencils} = \underline{\hspace{2cm}} \text{ pencils}$$

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

$$10 \text{ erasers} + 5 \text{ erasers} = \underline{\hspace{2cm}} \text{ erasers}$$

1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17



12 flowers + 9 flowers = \_\_\_\_\_ flowers

12•13•14•15•16•17•18•19•20•21•22•23•24•25•26•27



$$11 \text{ books} + 10 \text{ books} = \underline{\hspace{2cm}} \text{ books}$$

11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26

$$9 \text{ girls} + 8 \text{ girls} = \underline{\hspace{2cm}} \text{ girls}$$

9•10•11•12•13•14•15•16•17•18•19•20•21•22•23•24•25

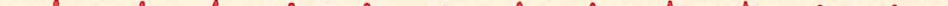
$$14 \text{ pebbles} + 7 \text{ pebbles} = \underline{\hspace{2cm}} \text{ pebbles}$$

14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29

A horizontal red bar representing a ruler scale. It has vertical tick marks at each integer value from 14 to 29. The tick marks are evenly spaced and extend slightly downwards from the baseline.

$$13 \text{ boys} + 5 \text{ boys} = \underline{\hspace{2cm}} \text{ boys}$$

13•14•15•16•17•18•19•20•21•22•23•24•25•26•27•28



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s



s



s

page 82



s



s



s

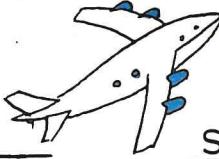
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s



s

page 53



s



s



s

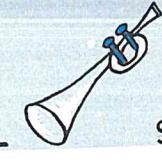
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s



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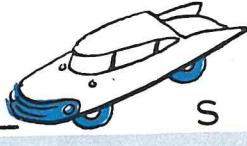


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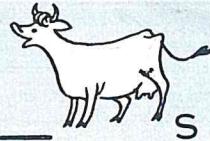


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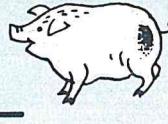
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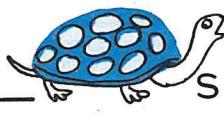


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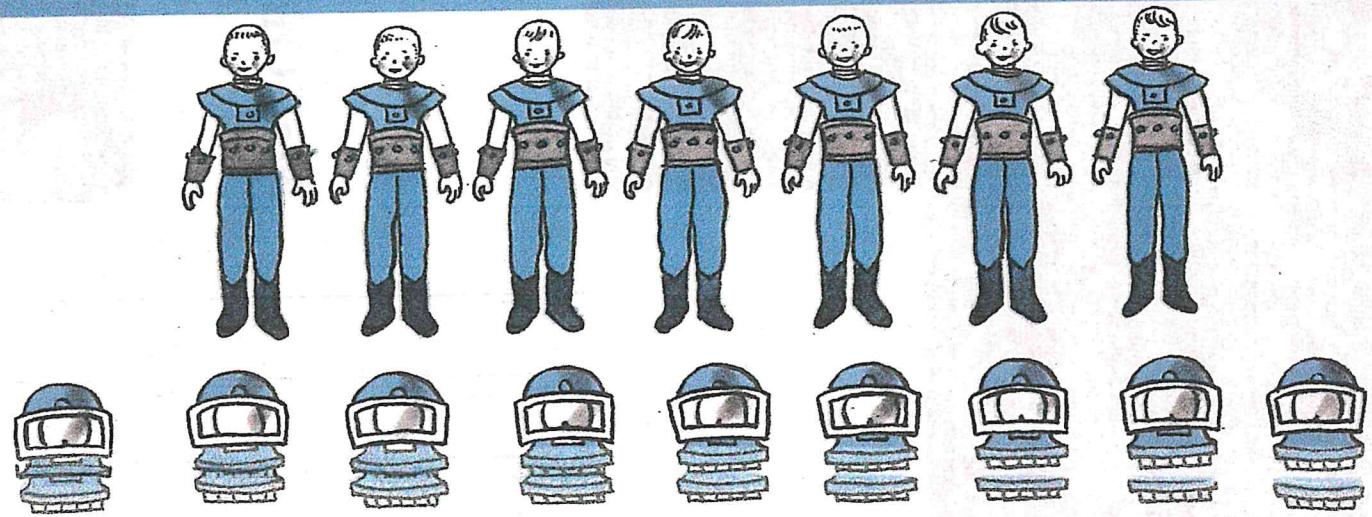
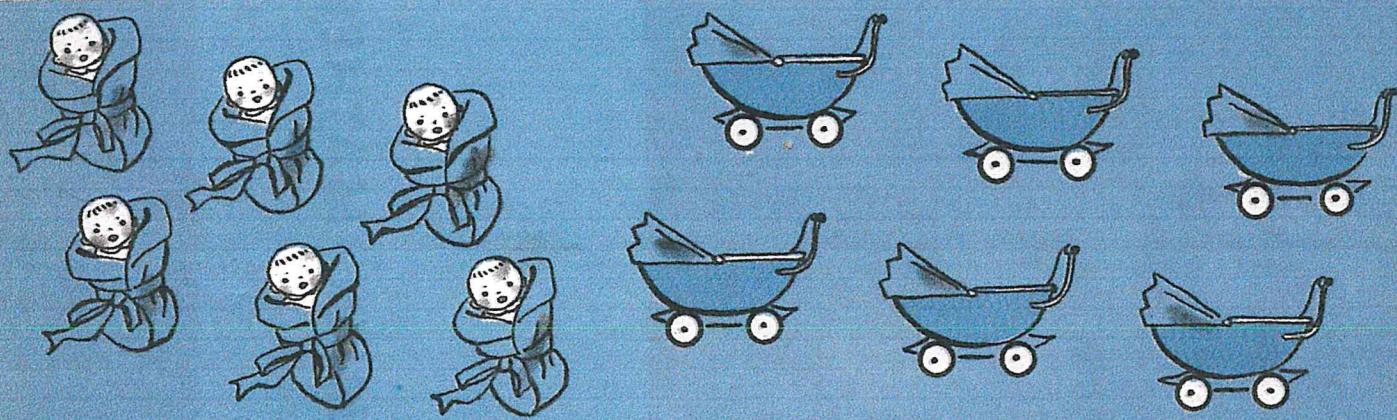
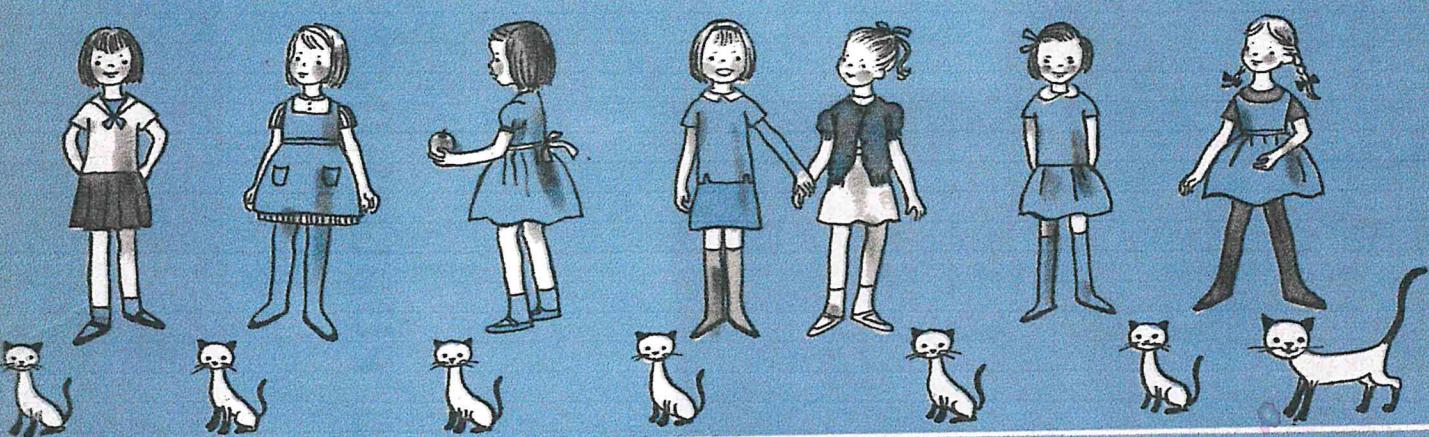
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